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FE 11.209: 450 259, etc./990/v.3

FLOOD INSURANCE STUDY

HARRIS COUNTY, TEXAS AND INCORPORATED AREAS

VOLUME 3 OF 8

COMMUNITY NAME	COMMUNITY NUMBER
BELLAIRE, CITY OF	480289
DEER PARK, CITY OF	480291
EL LAGO, CITY OF	485466
GALENA PARK, CITY OF	480293
HOUSTON, CITY OF	480296
HUMBLE, CITY OF	480297
HUNTERS CREEK VILLAGE, CITY OF	480298
JACINTO CITY, CITY OF	480299
JERSEY VILLAGE, CITY OF	480300
LA PORTE, CITY OF	485487
MORGANS POINT, CITY OF	480305
NASSAU BAY, CITY OF	485491
PASADENA, CITY OF	480307
PEARLAND, CITY OF	480077
PINEY POINT VILLAGE, CITY OF	480308
SHOREACRES, CITY OF	485510
SOUTH HOUSTON, CITY OF	480311
SPRING VALLEY, CITY OF	480313
TAYLOR LAKE VILLAGE, CITY OF	485513
TOMBALL, CITY OF	480315
UNINCORPORATED AREAS	480287
WEBSTER, CITY OF	485516

SEPTEMBER 28, 1990

Federal Emergency Management Agency

NOTICE TO
FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program (NFIP) have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

Part or all of this FIS may be revised and republished at any time. In addition, part of this FIS may be revised by the Letter of Map Revision (LOMR) process, which does not involve republication or redistribution of the FIS. It is, therefore, the responsibility of the user to consult with community officials and to check the community repository to obtain the most current FIS components.

Initial Countywide Flood Insurance Study Effective Date: September 28, 1990

Flood Insurance Study Revised:

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Flood Insurance Rate Map

EXHIBIT 3 - ELEVATION REFERENCE MARKS

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 1	010	157.13	Top southwest corner of concrete wall of Union Pacific Railroad bridge over Spring Creek.
RM 2	010	167.89	Railroad spike in power pole on north side of road, approximately 700 feet east on Standard Road from intersection of Conroe Huffsmith Road and Standard Road.
RM 3	010	165.58	Railroad spike in power pole on west side of road, approximately 400 feet south from intersection of Carraway Road and Conroe Huffsmith Road.
RM 4	010	146.24	Railroad spike in power pole on west side of road, approximately 0.5 mile south from intersection of Carraway Road and Conroe Huffsmith Road.
RM 5	010	151.62	Railroad spike in power pole on east side of road, approximately 0.4 mile northeast on Conroe Huffsmith Road from intersection of FM 2978 and Conroe Huffsmith Road.
RM 6	010	154.82	Bronze disk at north end of bridge, on west side of FM 2978 crossing of Spring Creek.
RM 7	010	158.64	Bronze disk at south end of bridge, on east side of FM 2978 crossing of Spring Creek.
RM 8	015	160.05	Railroad spike in power pole on south side of road, approximately 900 feet west on Standard Road from intersection of Standard Road and Dry Creek Road.
RM 9	015	157.14	Railroad spike in power pole on north side of road, approximately 0.33 mile east on Standard Road from intersection of Standard Road and Dry Creek Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 10	015	110.14	Chiseled X on south bonnet bolt on fire hydrant on north side of Pine Canyon Drive at intersection with Wilderness Road.
RM 11	015	122.72	Chiseled X on south bonnet bolt on fire hydrant on north side of Wildwood Drive at intersection with Glenloch Drive.
RM 12	015	116.01	Railroad spike in 18-inch pine tree, on east side of cul-de-sac at south end of Glenloch Drive.
RM 13	020	80.61	Chiseled X on southwest corner of FM 1485 bridge over the East Fork San Jacinto River.
RM 14	025	274.70	Bronze disk, approximately 1.55 miles north along Fields Store Road from Waller railroad station, approximately 50 feet south of centerline of Waller Spring Creek Road and approximately 29 feet east of centerline of Fields Store Road.
RM 15	030	235.25	Chiseled square on concrete pipe culvert approximately 0.5 mile south along Mathis Road from intersection of Mathis Road and U. S. Route 290.
RM 16	030	264.01	Railroad spike in power pole on south side of U. S. Route 290, approximately 0.5 mile southeast along U. S. Route 290 from its intersection with Mathis Road.
RM 17	030	253.18	Chiseled square in southwest corner of intersection on southeast end of box culvert at intersection of Binford Road and U. S. Route 290.
RM 18	030	247.52	Chiseled square in southeast end of box culvert, approximately 1,600 feet southeast along U. S. Route 290 from its intersection with Binford Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 19	035	216.08	Bronze disk set in top of concrete post project approximately 0.6 foot, at junction of Waller Tomball Road and Rosehill Church Road, approximately 88 feet south of centerline of Waller Tomball Road, approximately 15.4 feet west of centerline of Rosehill Church Road, and approximately level with road.
RM 20	040	184.52	Top bolt set in northwest corner of Missouri-Kansas-Texas Railroad bridge over Boggs Gully.
RM 21	040	181.66	Top, north end of westernmost pipe on Boggs Gully, under Hicks Road.
RM 22	040	220.12	Bronze disk set in top of concrete post projecting approximately 0.1 foot above ground, approximately 5.6 miles west along Waller Tomball Road from post office at Tomball, approximately 99 feet east of extended centerline of Cypress-Rosehill Road, approximately 69 feet north of centerline of Waller Tomball Road, and approximately 10 feet north of witness post.
RM 23	040	222.19	Bronze disk set on top of concrete post projecting approximately 0.4 foot, approximately 4.9 miles west along Waller Tomball Road from crossing of Missouri-Kansas-Texas Railroad, at junction of Waller Tomball Road and private road leading west, approximately 90.5 feet south of centerline of Waller Tomball Road, approximately 20.6 feet south of centerline of private road, approximately 0.9 foot east of metal witness post, and approximately 2 feet below level of road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 24	040	191.71	Bronze disk set in top west end of south concrete headwall of box culvert, approximately 4 miles west along Waller Tomball Road from crossing of Missouri-Kansas-Texas Railroad, approximately 55 feet west of centerline of private drive leading south, and approximately 20 feet south of centerline of Waller Tomball Road.
RM 25	040	176.54	Bronze disk set on top of concrete post projecting approximately 6 inches above ground, at northeast corner of intersection of Waller Tomball Road and Tomball Cemetery Road.
RM 26	040	175.06	Bronze disk set on top of concrete monument projecting approximately 0.2 foot above ground, at northwest corner of intersection of Waller Tomball Road and Calvert Road.
RM 27	040	169.51	Railroad spike in power pole, at northeast corner of intersection of FM 149 and Boudreaux Road.
RM 28	040	163.67	Railroad spike in power pole approximately 0.26 mile east on Boudreaux Road from its intersection with FM 149 to its intersection with private drive No. 12704.
RM 29	040	159.25	Railroad spike in power pole approximately 0.8 mile east on Boudreaux Road from its intersection with FM 149 to its intersection with private drive No. 12212.
RM 30	040	169.61	Railroad spike in power pole at northeast corner of intersection with private drive, approximately 0.5 mile southeast on FM 149 from its intersection with Boudreaux Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 31	040	168.59	Railroad spike in power pole near site of abandoned pipeline, approximately 4,600 feet southeast on FM 149 (West Montgomery Road) from its intersection with Boudreaux Road.
RM 32	045	158.41	Railroad spike in power pole at northwest corner of intersection approximately 2,000 feet west from Missouri-Kansas-Texas Railroad, and approximately 1.25 miles east on Boudreaux Road from its intersection with FM 149.
RM 33	045	163.10	Disk set in concrete post at crossing of Holderrieth Road and Missouri-Kansas-Texas Railroad, approximately 165.7 feet southeast of centerline of road, approximately 49.6 feet southwest of southwest rail, approximately 3.4 feet southwest of fence, and approximately 4.6 feet southwest of metal witness post.
RM 34	045	162.53	Railroad spike in power pole at intersection of Holderrieth Road and Huffsmith-Kohrville Road.
RM 35	045	165.44	Nail marked with COE witness sign, approximately 0.55 mile north on Huffsmith-Kohrville Road from its intersection with Holderrieth Road, to power pole on east side of road at Y-intersection with dirt road.
RM 36	045	171.02	Railroad spike in power pole at intersection of Mahaffey Road and Huffsmith-Kohrville Road.
RM 37	045	165.47	Chiseled square on top of drain pipe on south side of road, approximately 0.36 mile east from intersection of Mahaffey Road and Huffsmith-Kohrville Road.
RM 38	045	163.24	Railroad spike in power pole No. 10802, marked with COE witness sign, approximately 0.71 mile east on Mahaffey Road from its intersection with Huffsmith-Kohrville Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 39	045	158.45	Railroad spike in power pole marked with COE witness sign, at intersection of FM 2920 and Mahaffey Road.
RM 40	045	153.33	Railroad spike set in power pole No. 60370, marked with COE witness sign, approximately 0.2 mile southeast on FM 2920 from its intersection with Mahaffey Road.
RM 41	045	146.55	Chiseled square on top of wing wall approximately 0.74 mile northwest on FM 2920 from its intersection with Boudreaux Road, at crossing of Willow Creek.
RM 42	045	153.78	Railroad spike in power pole at northeast corner of intersection of FM 2920 and Hookswood Road.
RM 43	045	152.53	Railroad spike in power pole at east corner of intersection of FM 2920 and Boudreaux Road.
RM 44	045	156.03	Railroad spike in power pole approximately 0.37 mile southwest on Boudreaux Road from its intersection with FM 2920.
RM 45	045	157.38	Railroad spike set in power pole No. 10214, marked with COE witness sign, approximately 0.53 mile southwest on Boudreaux Road from its intersection with FM 2920.
RM 47	045	129.85	Chiseled square on top of headwall of drain on north side of Spring Cypress Road, approximately 0.3 mile southwest on Spring Cypress Road from its intersection with Klein Church Road.
RM 48	045	137.44	Railroad spike in power pole No. 5240 on north side of Spring Cypress Road, at intersection of Spring Cypress Road and Klein Church Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 49	050	142.85	Disk set in top of concrete post, approximately 4.9 miles west on Union Pacific Railroad from crossing of Hardy Street, approximately 2.5 miles east of milepost 5, approximately 46.5 feet south of south rail, approximately 28 feet east of centerline of road, and approximately 4.3 feet east of fence corner post.
RM 50	050	136.79	Disk set in top of rod at crossing of Union Pacific Railroad and Mossy Oaks Road, approximately 5.5 poles east of milepost 4, approximately 68 feet southeast of center of crossing, approximately 43.4 feet south of south rail, approximately 40.6 feet east of centerline of road, and approximately 1.3 feet north of fence.
RM 51	050	134.30	Disk set in top of concrete post approximately 2.1 miles west along Union Pacific Railroad from station at Spring, approximately 4 poles west of milepost 2, approximately 127 feet west of pipeline crossing, approximately 43.5 feet south of south rail, approximately 14 feet southwest of telephone pole, and approximately 2.5 feet north of fence.
RM 52	050	102.35	Disk set in top of concrete post approximately 1.4 miles north on Union Pacific Railroad from crossing of Spring School Road, approximately 43.4 feet east of east rail, approximately 25.5 feet west of East Hardy Street, approximately 15.6 feet southeast of telephone pole No. 5795.
RM 53	050	105.28	Railroad spike in power pole approximately 0.58 mile north from intersection of Geodecke Road and East Hardy Street on east side of Union Pacific Railroad at Spring.
RM 54	050	127.18	Nail in power pole with COE sign, north of intersection of Louetta Road and Sorrel Ridge Drive.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 55	050	125.86	Railroad spike in power pole with COE sign, between Louetta Road and dirt road, and driveway of 4027 Louetta Road.
RM 56	050	112.38	Harris County Flood Control monument south of Louetta Road bridge over Seals Gully.
RM 57	050	111.88	Chiseled square on top curb south of Louetta Road bridge crossing of Kothman Gully.
RM 58	050	121.33	Railroad spike in power pole with transformer and COE sign northwest of green and white wood house at 2819 Louetta Road.
RM 59	050	120.93	Nail in power pole with COE sign north of Louetta Road near fence line of residence 2402 Route 3.
RM 60	050	115.83	Harris County Flood Control monument at headwall south of Louetta Road on Senger Gully.
RM 61	050	115.15	Railroad spike at intersection of Holtzwarth Road west of Bell Telephone Warehouse.
RM 62	050	117.15	Railroad spike in power pole with COE sign east of Goodyear Blimp Base across Holtzwarth Road.
RM 63	050	95.24	Chiseled square in top headwall at Senger Gully and east of Interstate Route 45 north feeder road.
RM 64	050	95.63	Nail in unnumbered power pole approximately 1.32 miles northeast on Riley Fussel Road from its intersection with Aldine Westfield Road, approximately 100.2 feet northwest of centerline of Riley Fussel Road, approximately 46.6 feet northwest of 24-inch oak tree, and at private drive on right.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 65	050	122.68	Nail projecting from unnumbered power pole, approximately 71.7 feet west of center of Y-intersection, approximately 17.1 feet southeast of southwest corner of cyclone fence, near intersection of Aldine Westfield Road, Riley Fussel Road, and Geodecke Road.
RM 66	050	122.27	Disk on top of rod at crossing of Caroline Street and Union Pacific Railroad, approximately 53.5 feet north of centerline of street, approximately 47 feet east of east rail, approximately 18 feet northeast of telegraph pole, and approximately 7.5 feet north of telephone pole.
RM 67	050	122.26	Disk set on top of rod approximately 87.5 feet east of centerline of Hardy Street, near crossing of Union Pacific Railroad and Hardy Street, approximately 43 feet west of west rail of main track, approximately 73.6 feet south of southeast corner of concrete foundation of steel radio tower, approximately 16.6 feet east of west, approximately 2.3 feet east of telephone pole.
RM 68	050	120.72	Disk set in top of concrete post approximately 42.1 feet east of centerline of Hardy Road, near crossing of Union Pacific Railroad and Hardy Street, approximately 135 feet south of private road crossing, approximately 68.5 feet southwest of milepost 128, and approximately 29.6 feet west of west rail of main track.
RM 69	050	116.40	Disk in rod approximately 5,500 feet south along Hardy Road from its crossing with Union Pacific Railroad, approximately 50 feet west of west rail of main track, approximately 25.8 feet east of centerline of Hardy Road, approximately 26.5 feet west of west rail of spur track, and approximately 1.7 feet north of telephone pole.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 70	050	109.29	Disk in top of rod, approximately 9,400 feet south along Hardy Road from its intersection with Union Pacific Railroad, approximately 45.5 feet east of centerline of Hardy Road, approximately 26.5 feet west of west rail of spur track, and approximately 1.7 feet north of telephone pole.
RM 71	050	109.77	Disk set in concrete foundation of semaphore, approximately 1.9 miles south on Union Pacific Railroad from crossing of Spring School Road, approximately 0.1 mile south of private road crossing, approximately 14.7 feet northeast of northeast rail, approximately 19.5 feet west of fourth telephone pole south of private road crossing, and approximately 1.6 feet south of north end of foundation.
RM 72	055	94.07	Nail projecting from power pole approximately 24 feet southwest of centerline of pipeline right-of-way and approximately 60 feet northwest of power pole No. E63P, approximately 1.78 miles northeast from intersection of Aldine Westfield Road and Spring Creek Road to pipeline right-of-way, approximately 0.09 mile northwest on right-of-way to intersection of power line right-of-way.
RM 73	055	82.84	Nail projecting from north side of 20-inch diameter oak tree, approximately 1.78 miles northeast on Spring Creek Road from its intersection with Aldine Westfield Road, to pipeline right-of-way, right on access road for pipeline right-of-way, and southeast approximately 0.28 mile to oak tree, approximately 55 feet west of 2.8 foot metal post and approximately 28.5 feet northwest of 10-inch pine tree.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 74	055	102.60	Bronze disk, approximately 0.35 mile from intersection of dirt road and dirt trail.
RM 75	055	86.69	Bridge and nail approximately 3.49 miles on Treaschwig Road from its intersection with Aldine Westfield Road, to dirt road.
RM 76	055	100.50	Railroad spike at Treaschwig Road and entrance to Hildebrandt Processing Plant.
RM 77	055	99.39	Railroad spike at Treaschwig Road and entrance to Carter's Shooting Range.
RM 78	055	97.10	Railroad spike and sign in power pole at crossing of Treaschwig Road and Texas Pipeline approximately 3,800 feet northeast of Wild Cow Gulch.
RM 79	060	75.66	60d nail in power pole on north side of junction of Hamblen and Hueni Roads.
RM 80	060	70.43	Texas Highway Department monument, stamped V-17 1939 at northeast corner of intersection of Loop 494 and North Park Drive.
RM 81	060	84.75	Railroad spike in power pole near Arabian Acres, approximately 1.5 feet above ground, approximately 1,480 feet south on Loop 494 from entrance to Pittsville on east side of Loop 494.
RM 82	060	81.96	Chiseled square on top center of east culvert, approximately 3,490 feet south on Loop 494 from entrance to Pittsville on east side of Loop 494, to Artesian Slough.
RM 83	060	81.25	Chiseled square on top center of north culvert at southeast corner of intersection of Loop 494 and Kingwood Drive.
RM 84	060	81.68	Railroad spike in power pole No. 21244, on west side of Loop 494 approximately 6,500 feet northeast from Hamblen Road intersection.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 85	060	78.29	Chiseled square on top of railing at centerline of westbound Kingwood Drive, near Kingwood Fire Department building (1863 Kingwood Drive).
RM 86	065	83.37	Railroad spike in base of south gate post of fence crossing pipeline right-of-way, approximately 1,300 feet north from intersection of Hargrove and FM 2100, to T-intersection leading west, approximately 6,000 feet east along pipeline right-of-way.
RM 87	065	80.47	Chiseled square on top of north caution concrete marker post on east bank of drain, approximately 1,300 feet north from intersection of Hargrove and FM 2100 to T-intersection leading west, approximately 8,600 feet east along pipeline right-of-way.
RM 88	065	59.83	Brass cap No. 58.71 0514 at southwest corner of Hueni Road bridge over Mills Branch.
RM 89	065	53.53	60d nail on southwest corner of Dogwood Lane bridge over White Oak Creek.
RM 90	065	47.50	60d nail in power pole No. 3915, approximately 3,900 feet northeast along Dunham Place from its T-intersection with Hamblen Road.
RM 91	065	70.37	Railroad spike in power pole No. T-562, at southeast corner of intersection of Hamblen Road and Dogwood Lane.
RM 92	065	70.30	Railroad spike in base of power pole No. C-44-PISP, at southwest corner of intersection of Champion Road and Gun Road, and Huffman-New Caney Road.
RM 93	065	73.27	Brass cap at southwest corner of intersection of Dunham Place and Hamblen Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 94	065	67.08	Railroad spike at base of 6-foot black oak tree on north side of Hamblen Road; tree has two COE and one guard stake nailed at eye level.
RM 95	065	71.44	Railroad spike in power pole marked with 2 COE caps, approximately 2,900 feet south from intersection of FM 2100 and Huffman-New Caney Road.
RM 96	065	52.95	Chiseled X on north corner of concrete headwall at southeast corner of intersection of Wolf Road and Echo Lane.
RM 97	065	53.70	Chiseled square on northwest corner of Wolf Road bridge over Luce Bayou below brass plaque.
RM 98	065	75.64	Railroad spike in base of power pole marked with two COE brass caps, at southwest corner of T-intersection of Wolf Road and FM 2100.
RM 99	065	72.89	Brass disk on top of headwall on east side of FM 2100, approximately 0.22 mile south from intersection of Wolf Road and FM 2100.
RM 100	065	69.16	Brass disk on top of headwall on east side of FM 2100, approximately 0.54 mile north from T-intersection of Havard Road and FM 2100.
RM 101	070	74.50	Top of post on top of northeast corner of yellow 4 X 4 feet pipeline marker with tag stamped Number 18704+23, with test gage hookup; post is 520 feet east of Key Gully, approximately 1,300 feet north from intersection of Hargrove and FM 2100, and approximately 11,000 feet east along pipeline right-of-way.
RM 102	075	237.96	Railroad spike in power pole on north side of U. S. Route 290, approximately 0.85 mile west of Kermier Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 103	075	210.96	T-iron at Bauer Hockley Road at corner of road, approximately 4,000 feet west of Roberts Road.
RM 104	075	211.16	Chiseled square on concrete curb on upstream side of bridge on Bauer Hockley Road, over Little Cypress Creek, approximately 2,200 feet west of Roberts Road.
RM 105	075	207.78	T-iron at Bauer Hockley Road, approximately 1,000 feet west of Roberts Road.
RM 106	075	209.81	60d nail in power pole with COE sign at northeast corner of intersection of Bauer Hockley Road and Roberts Road.
RM 107	075	257.21	Railroad spike in power pole on west side of road, approximately 0.5 mile south on Mathis Road from its intersection with Burton Cemetery Road.
RM 108	075	230.14	Railroad spike in power pole on north side of U. S. Route 290 approximately 1,800 feet west of Kermier Road.
RM 109	075	214.99	60d nail with COE sign in power pole on south side of Bauer Hockley Road east of intersection with Badtke Road approximately 750 feet.
RM 110	075	223.79	Railroad spike in power pole on north side of U. S. Route 290 approximately 0.5 mile west of Hegar Road.
RM 111	075	214.35	T-iron at Badtke Road, approximately 1,600 feet south of Bauer Hockley Road.
RM 112	075	223.28	Railroad spike in power pole at southeast corner of intersection of Hegar Road and U. S. Route 290.
RM 113	075	217.20	Railroad spike in power pole on north side of U. S. Route 290 approximately 0.5 mile east of Hegar Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 114	075	200.25	0.5-inch iron rod, set in ground on west side of stream, at stream mile 4.0 of Mound Creek.
RM 115	075	195.69	0.5-inch iron rod, set in ground on east side of stream, at stream mile 4.0 of Mound Creek.
RM 116	075	217.63	Railroad spike approximately 7,920 feet west from intersection of Warren Ranch Road and Mound Road.
RM 117	075	210.40	Railroad spike in centerline of road, across from power pole marked 38/90, approximately 3,800 feet west on Mound Road from its intersection with Warren Ranch Road.
RM 118	075	204.68	0.5-inch iron rod set in ground on west side of Warren Ranch Road in bend across from telephone junction box No. 84SPL, at entrance to Warren Ranch.
RM 119	075	201.81	Railroad spike in power pole with COE witness sign, approximately 110 feet south of gate on Warren Ranch Road at high tension wire crossing.
RM 120	075	180.30	Bronze disk set in top of concrete post projecting approximately 0.2 foot, at intersection of House Road and Katy Hockley Road, approximately 5,200 feet along Katy Hockley Road, approximately 37.6 feet east of centerline of road, approximately 15.6 feet north of centerline of private road leading east, and approximately 0.5 foot below level of road.
RM 121	075	200.81	Railroad spike in centerline of Mound Road, approximately 7,000 feet south from intersection of Mound Road.
RM 122	080	203.15	Railroad spike at Bauer Hockley Road and pipeline crossing approximately 2,200 feet west of Becker Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 123	080	198.36	Railroad spike at Bauer Hockley Road approximately 0.1 mile east of intersection with Becker Road.
RM 124	080	196.95	Railroad spike approximately 2.6 feet above ground, in power pole at private road for residence at 23602 Bauer Hockley Road.
RM 125	080	193.15	Railroad spike approximately 2 feet above ground in power pole at 23230 Bauer Hockley Road.
RM 126	080	188.78	Railroad spike at intersection of Bauer Road and Bauer Hockley Road.
RM 127	080	190.28	Chiseled X on top of concrete curb on downstream side of Bauer Road bridge over Little Cypress Creek.
RM 128	080	189.50	Railroad spike at Schiel Road, approximately 0.1 mile east of Bauer Road intersection.
RM 129	080	192.12	Railroad spike at Schiel Road approximately 1,100 feet west of Hopfe Road.
RM 130	080	185.28	Railroad spike at Schiel Road at corner of road and approximately 500 feet east of Hopfe Road.
RM 131	080	190.60	Railroad spike at Schiel Road at corner of road and approximately 3,200 feet east of Hopfe Road.
RM 132	080	186.12	Railroad spike at Schiel Road on bridge over creek approximately 4,600 feet east of Hopfe Road.
RM 133	080	192.00	Railroad spike at intersection of Schiel Road and Field Road, located west approximately 2.39 miles along Schiel Road from Mueschke Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 134	080	194.07	Railroad spike in power pole approximately 2 miles west on Schiel Road from its intersection with Mueschke Road.
RM 136	080	167.08	Railroad spike in power pole off south side of Kitzmann Road, approximately 5,700 feet west of Cypress Rosehill Road.
RM 137	080	168.12	Chiseled X on downstream headwall over Little Cypress Creek bridge at Mueschke Road.
RM 138	080	164.84	Railroad spike in power pole off north side of Kitzmann Road, approximately 3,000 feet west of Cypress Rosehill junction.
RM 139	080	166.53	COE brass monument on east side of Mueschke Road, approximately 2,300 feet north of Cypress Church Road.
RM 140	080	177.24	Railroad spike in power pole, approximately 1.5 inches above ground, at intersection of Schiel Road and Field Road, near white brick house, address 20238.
RM 141	080	170.61	COE brass monument on west side of Mueschke Road, approximately 5 feet from north edge of Cypress Church Road.
RM 142	080	167.51	COE brass disk on west side of Mueschke Road, approximately 5 feet south of south edge of Edworthy Road, approximately 0.37 mile south of intersection of Mueschke Road and Cypress Church Road.
RM 144	085	165.64	Railroad spike in power pole with transformer No. 229125, approximately 1.42 miles west on Kitzmann Road from its intersection with Telge Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 145	085	165.08	Railroad spike in power pole approximately 1 mile west on Kitzmann Road from its intersection with Telge Road.
RM 146	085	167.69	Railroad spike in power pole with transformer, approximately 0.5 mile west on Kitzmann Road from its intersection with Telge Road.
RM 147	085	164.09	Railroad spike in power pole at intersection of Telge Road and Kitzmann Road.
RM 149	085	159.49	Railroad spike in power pole approximately 0.47 mile north on Telge Road from its intersection with Grant Road.
RM 150	085	165.08	Railroad spike in power pole near intersection of Cypress Rosehill Road and Grant Road.
RM 152	085	157.83	Railroad spike in power pole at intersection of Grant Road and Telge Road.
RM 153	085	157.62	Railroad spike in power pole approximately 0.77 mile west on Grant Road from its intersection with Shaw Road.
RM 154	085	157.16	Railroad spike in power pole near intersection of Grant Road and dirt road, approximately 0.4 mile west on Grant Road from its intersection with Shaw Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 155	085	159.24	Railroad spike in power pole near intersection of Kitzmann Road and Cypress Rosehill Road.
RM 156	085	156.85	Railroad spike in power pole at intersection of Grant Road and Shaw Road.
RM 157	085	163.03	Harris County Flood Control monument on east side of bridge on Cypress Rosehill Road over Little Cypress Creek, approximately 3,000 feet south of Grant Road.
RM 158	085	157.08	Railroad spike in power pole approximately 0.8 mile northwest on Grant Road from its intersection with Spring-Cypress Road.
RM 159	085	163.43	Chiseled square on top of headwall box culvert on Cypress Rosehill Road, approximately 2,000 feet south of Fenske Road.
RM 160	085	148.95	Railroad spike in power pole approximately 1.9 miles west on Spring-Cypress Road from its intersection with West Montgomery Road.
RM 161	085	196.46	USC&GS monument at southwest corner of T-intersection approximately 1.1 miles west on Spring-Cypress Road from its intersection with West Montgomery Road.
RM 162	085	146.98	Railroad spike in power pole No. 11613, identified with COE witness sign, approximately 0.81 mile west on Spring-Cypress Road from its intersection with West Montgomery Road.
RM 163	085	144.68	Chiseled square on top of concrete curb on north side of Spring-Cypress Road, approximately 2 miles west on Spring-Cypress Road from its intersection with West Montgomery Road, to Faulkey Gully.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 164	085	162.59	Chiseled square on top of headwall on east side of Cypress Rosehill Road, approximately 3,400 feet south of Fenske Road.
RM 165	085	152.91	Railroad spike in power pole marked with COE witness sign, approximately 0.39 mile northwest on Grant Road from its intersection with Spring-Cypress Road.
RM 168	085	141.85	Railroad spike in power pole marked with COE witness sign, at intersection of Grant Road and Kathy Lane.
RM 169	085	131.74	Brass disk on downstream side of Malcomson Road bridge over Faulkey Gully.
RM 170	085	138.60	Railroad spike in power pole marked with COE witness sign, at southwest corner of intersection of Kluge Road and Grant Road.
RM 171	085	154.02	Chiseled square on top of headwall at southwest corner of bridge over drain at Cypress Rosehill Road south of Queenslake Road.
RM 172	090	141.41	USC&GS monument on east side of Louetta Road, approximately 100 feet south of intersection with Spring-Cypress Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 173	090	142.04	Chiseled square on top of headwall approximately 1.1 miles east on Spring-Cypress Road from its intersection with West Montgomery Road.
RM 174	090	136.06	Chiseled square on top of headwall of bridge, approximately 0.73 mile east on Spring-Cypress Road from its intersection with West Montgomery Road.
RM 175	090	138.38	USC&GS monument approximately 150 feet north of railroad crossing, on west side of track, southeast on Louetta Road from its intersection with Cossey Road.
RM 176	090	132.58	Railroad spike in power pole marked with COE witness sign, approximately 1.87 miles southwest on Louetta Road from its intersection with Stuebner-Airline Road.
RM 177	090	131.77	Railroad spike in power pole marked with COE witness sign, near pipeline crossing, approximately 1.64 miles southwest on Louetta Road from its intersection with Stuebner-Airline Road.
RM 178	090	129.25	60d nail in downstream curb, approximately 1.2 miles southwest on Louetta Road from its intersection with Stuebner-Airline Road.
RM 179	090	118.07	Chiseled square on top of concrete base of traffic light support, at intersection of Louetta Road and Stuebner-Airline Road.
RM 180	090	128.92	Railroad spike in power pole marked with COE witness sign, approximately 1.67 miles northeast on Louetta Road from its intersection with Stuebner-Airline Road.
RM 181	090	116.31	Chiseled square on top of concrete curb on downstream side, approximately 1.18 miles northeast on Louetta Road from its intersection with Stuebner-Airline Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 182	090	121.48	Chiseled square on top of concrete drain pipe on north side of road, approximately 0.77 mile northeast on Louetta Road from its intersection with Stuebner-Airline Road.
RM 183	090	117.09	Harris County Flood Control District monument on south side of Louetta Road, approximately 500 feet northeast on Louetta Road from its intersection with Stuebner-Airline Road.
RM 184	090	113.39	Harris County Flood Control District monument on downstream side of Stuebner-Airline Road bridge over Cypress Creek.
RM 185	090	126.45	Railroad spike in power pole at southwest corner of intersection of Strack Road and Stuebner-Airline Road.
RM 186	090	135.02	Railroad spike approximately 1,200 feet east of Jones Road, in centerline of intersection of Malcomson Road and Exxon pipeline.
RM 187	090	133.17	Railroad spike in power pole No. M-63-Z-50-E, marked with COE witness sign, at southwest corner of intersection of FM 149 and Malcomson Road.
RM 188	090	125.95	Brass disk at southeast corner of FM 149 bridge over Cypress Creek.
RM 189	090	125.91	COE brass cap on northeast side of FM 149 at intersection with NGPL pipeline.
RM 190	090	117.62	COE brass cap set in ground on east side of Schroeder Road by NGPL pipeline.
RM 191	090	121.51	Nail with COE cap at top abutment, northeast corner of Missouri-Kansas-Texas Railroad trestle over Cypress Creek.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 192	090	130.16	Bronze disk set in top of concrete post, approximately 8.7 miles southeast on Missouri-Kansas-Texas Railroad from station at Tomball, approximately 50 yards east of and across from tracks at milepost 76, approximately 41 feet northeast of northeast rail, approximately 2 feet northeast of fence, and approximately level with rail.
RM 193	090	120.24	Railroad spike in power pole just southeast of intersection of Paradise Valley Drive and Indian Wells Drive.
RM 194	095	131.01	Harris County Flood Control monument atop headwall at east corner of intersection of Louetta Road and Kuykendahl Road.
RM 195	095	96.95	Disk set in top of post approximately 14,000 feet south along Hardy Road from crossing of Union Pacific Railroad, approximately 45.5 feet west of west rail, approximately 32.7 feet east of centerline of Hardy Road, and approximately 23.5 feet southeast of power pole.
RM 196	095	120.79	Railroad spike in power pole with COE sign, near south corner of fence.
RM 197	095	120.04	Harris County Flood Control monument east of Kuykendahl Road, approximately 900 feet north of intersection of Cypresswoods Drive.
RM 198	095	103.99	Chiseled square on top of southeast curb on Interstate Route 45 approximately 3,200 feet north of intersection of FM 1960.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 199	095	98.20	Disk on top of rod, approximately 80.5 feet southeast of third telephone pole on east side of tracks, from crossing of Union Pacific Railroad and FM 1960, north of FM 1960 crossing, approximately 45.4 feet east of east rail, and approximately 1.6 feet west of fence, and approximately 1.2 feet south of metal witness post.
RM 200	095	101.48	USC&GS monument, stamped E-1215, near southeast corner of intersection of Hardy Road and FM 1960.
RM 201	095	103.96	Railroad spike in power pole west of Kuykendahl Road, approximately 500 feet north of intersection with Creekhickory.
RM 202	095	115.96	Chiseled square on top of concrete base of traffic control box at overpass of Interstate Route 45 and FM 1960.
RM 203	095	107.49	Disk set in top of post, approximately 39.7 feet west of west rail of main track of Union Pacific Railroad at its intersection with Hardy Road, approximately 37.4 feet east of centerline of Hardy Road, and approximately 24.8 feet southwest of telephone pole.
RM 204	095	118.39	Chiseled square in top of concrete base of orange brick wall entrance sign south of intersection of Waycreek Road and Kuykendahl Road.
RM 205	095	110.81	Railroad spike in utility pole marked with COE witness sign, at intersection of Kuykendahl Road and Harrel-Dwyer Road.
RM 206	095	100.52	Bronze disk set in top of west end of north abutment of concrete bridge, approximately 5.8 miles south along Union Pacific Railroad from station at Spring, 2.5 poles north of milepost No. 133-10, and approximately 65 feet west of west rail.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 207	095	104.57	Chiseled X on east side curb of entrance to Houston Pipeline installation, approximately 2.1 miles northwest along Kuykendahl Road from its intersection with Interstate Route 45, and approximately 32.9 feet south of utility light pole No. 14310.
RM 208	095	114.48	Bronze disk set in top of southeast end of southwest headwall of concrete culvert, approximately 13 feet southwest of centerline of Stuebner-Airline Road, approximately 0.6 mile southeast of its intersection with Bammel Road.
RM 209	095	103.79	Chiseled X on northeast corner of bridge, approximately 1.6 miles northwest along Kuykendahl Road from its intersection with Interstate Route 45, and approximately 17.8 feet west of green underground cable box.
RM 210	100	104.92	Disk set in top of west end of west end of north headwall of concrete culvert, approximately 0.7 mile east along FM 1960 from post office at Wakefield, approximately 225 feet east of extended centerline of Essman Lane, and approximately 15.5 feet north of centerline of FM 1960.
RM 211	100	101.41	Disk set in top of post, approximately 1.4 miles east along FM 1960 from post office at Wakefield, approximately 50.7 feet east of southeast corner of feed storehouse, approximately 55 feet south of centerline of FM 1960, approximately 8.8 feet south of witness post, approximately 8.2 feet southwest of power pole, approximately 6.6 feet southwest of fence corner, and approximately 1 foot northwest of fence.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 212	100	88.73	Railroad spike in power pole No. 3510 on south right-of-way of Treaschwig Road, approximately 100 feet west of 5310 Treaschwig Road.
RM 213	100	80.79	Railroad spike in power pole on east right-of-way of Treaschwig Road, approximately 300 feet west of Birnamwood Boulevard.
RM 214	100	79.39	Railroad spike in power pole on south right-of-way at 4530 Treaschwig Road.
RM 215	100	77.92	Chiseled X on top of curb on downstream side of bridge at Wild Cow Gulch and Treaschwig Road.
RM 216	100	81.92	Chiseled square on top of curb on downstream side of bridge at Treaschwig Road.
RM 217	100	99.49	Nail in power pole at rear row of structures approximately 0.5 mile southeast of pipeline right-of-way located approximately 2.71 miles northeast along Treaschwig Road from intersection of Treaschwig Road and Aldine Westfield Road.
RM 218	100	80.41	Chiseled X on top of curb on downstream side of Treaschwig Road bridge over Cypress Creek.
RM 219	100	82.38	HCFCD monument on top of curb on downstream side of FM 1960 bridge over Turkey Creek (K111-00-00).
RM 220	100	94.72	Disk approximately 1 foot north of metal witness post on top of copper-coated rod in north lawn of Lakeview Park Baptist Church, approximately 51 feet south of centerline of FM 1960, approximately 138 feet north of northeast corner of church; approximately 3.85 miles west along FM 1960 from its intersection with US Route 59.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 221	100	94.12	Railroad spike in power pole at intersection of transmission line and Tattor Road.
RM 222	100	99.50	Railroad spike in power pole, approximately 2,200 feet east of Tattor Road.
RM 223	100	100.27	Railroad spike in power pole with COE sign, approximately 4,200 feet east of Tattor Road.
RM 224	100	98.26	Railroad spike in power pole approximately 5,500 feet east along transmission line from Tattor Road.
RM 225	100	96.05	Railroad spike with COE sign, on west side of intersection of Lee Road and transmission line, approximately 7,500 feet from Tattor Road.
RM 226	100	90.73	Railroad spike in power pole, approximately 9,400 feet east along transmission line from Tattor Road.
RM 227	100	96.07	Railroad spike projecting 2 inches from power pole at southeast corner of intersection of Aldine Westfield Road and Farrell Road.
RM 228	100	97.41	Railroad spike projecting 2 inches from power pole on east side of Aldine Westfield Road, approximately 0.6 mile south along Aldine Westfield Road from its intersection with Farrell Road.
RM 229	100	95.08	Chiseled X on concrete headwall on east side of Aldine Westfield Road, approximately 1 mile south of its intersection with Farrell Road.
RM 230	100	91.39	Chiseled square in concrete base of metal light/sign pole on east end of median on Wel-Don Drive at intersection with Aldine Westfield Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 231	100	98.78	Bronze disk set in top center of south headwall of concrete culvert under Farrell Road at its junction with Hardy Road, 2 poles south of milepost No. 134-20, approximately 104 feet east of east rail of Union Pacific Railroad at a point approximately 7.2 miles south of station at Spring.
RM 232	100	85.76	Railroad spike in power pole with COE sign, approximately 12,000 feet east along transmission line from Tattor Road.
RM 233	100	89.75	Railroad spike projecting 3 inches from power pole on east side of Lee Road, approximately 0.9 mile north of its intersection with Jetero Boulevard.
RM 234	100	85.26	Bronze disk on southeast end of bridge on north side of Jetero Boulevard, approximately 140 feet west of intersection with Lee Road.
RM 235	105	777.57	Railroad spike in power pole, approximately 60 feet south of Walnut Lane and approximately 200 feet east of the intersection of Walnut Lane and Buttercup Lane.
RM 236	105	70.79	Texas Highway Department monument set on top of concrete wing wall at northeast corner of northbound US Route 59 bridge over West Fork San Jacinto River.
RM 237	105	70.122	Texas Highway Department monument set in top of concrete wing wall at southeast corner of northbound US Route 59 bridge over West Fork San Jacinto River.
RM 238	105	78.69	Railroad spike in pine tree with sign approximately 7,000 feet northwest of Humble-Westfield Road along Sun Pipeline Company right-of-way.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 239	105	68.194	Texas Highway Department monument set in top of concrete wingwall at southwest corner of northbound US Route 59 bridge over drainage ditch, approximately 2,100 feet south of West Fork San Jacinto River.
RM 240	105	91.49	Railroad spike in power pole approximately 14,500 feet east along transmission line from Tattor Road.
RM 241	105	79.43	Nail in power pole No. HAP 5PC, approximately 5,500 feet northwest along Sun Pipeline Company right-of-way from Humble-Westfield Road.
RM 242	105	89.20	Disk set in west end of north headwall of box culvert, approximately 300 feet along Main Street from its intersection with FM 1960, which is approximately 0.4 mile west of intersection of FM 1960 and US Route 59; disk is approximately 1 foot east of west end of culvert and approximately 15 feet north of centerline of paved road.
RM 243	105	87.43	Chiseled square cut in northeast corner of concrete base of metal traffic control box at south edge of Humble-Westfield Road, approximately 25.7 feet west of west pier of US Route 59 overpass.
RM 244	105	96.332	USC&GS bronze disk set in south wall of Old Humble Courthouse, approximately 9.3 feet east of southeast corner of building approximately 175 feet east of Avenue B and Main Street intersection.
RM 245	105	83.756	Chiseled square cut in west end of south side of Jetero Boulevard, approximately 3,500 feet west of US Route 59 exit ramp to Jetero Boulevard.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 246	105	74.97	Chiseled square in concrete headwall on north side of Jetero Boulevard, approximately 1.8 miles east of its intersection with Lee Road.
RM 247	105	84.673	Chiseled X cut in northwest corner of concrete manhole opening, located approximately 1,056 feet southwest of intersection of Jetero Boulevard and Southern Pacific Railroad.
RM 248	105	78.81	Railroad spike projecting 3 inches from power pole on north side of Atascocita Road, approximately 3.4 miles northeast of its intersection with Old Humble Road.
RM 249	110	49.22	Chiseled square on top concrete curb drop inlet on east side of Atascocita Shores inlet at swimming pool.
RM 250	110	60.29	Filed X on northeast bolt of fire hydrant at southeast corner of Atascocita Shores and Amber Cove Drive.
RM 251	110	56.61	Chiseled square on top northwest corner of concrete foundation of concession building at marina at Lake Houston.
RM 252	110	68.06	Chiseled square on southwest corner of large concrete "A" Atascocita Shores sign base.
RM 253	110	62.80	Chiseled X, painted blue, at southwest corner of bridge approximately 2.9 miles west along FM 1960 from its intersection with FM 2100.
RM 254	110	72.11	Proceed 0.4 mile east along Main Street from railroad crossing in Humble, proceed left 0.3 mile to highway, turn right and proceed east on Humble-Huffman Road 4.3 mile to bronze disk on right, set in east end of south headwall of concrete culvert, level with centerline.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 255	110	71.63	Proceed 0.4 mile east along Main Street from railroad crossing in Humble, turn left and proceed north approximately 0.3 mile to Humble-Huffman Road, proceed 5.1 miles to bronze disk in west end of north headwall of concrete culvert, level with centerline.
RM 256	110	57.76	Bronze disk in top of east end of south headwall of concrete culvert, approximately 0.8 mile east along Old Humble Road from intersection of Atascocita Road and FM 1960, and approximately 18 feet south of centerline of road.
RM 257	110	58.88	Disk set in top of northwest end of northeast concrete abutment of railroad bridge over Lake Houston, approximately 1.35 miles southwest along Union Pacific Railroad from its junction with Atascocita Exit Road; disk is approximately 6 feet northwest of northwest rail.
RM 258	110	58.98	Bronze disk set in top of northwest end of southwest concrete abutment of railroad bridge over Lake Houston, approximately 2.15 miles southwest along Union Pacific Railroad from its intersection with Atascocita Road; disk is approximately 4 feet southeast of northwest end of abutment.
RM 259	110	69.11	Bronze disk in top of east corner of concrete base supporting signal located approximately 3.55 miles southwest along Union Pacific Railroad from its intersection with Atascocita Road; disk is approximately 39 feet southeast of fence line and level with track.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 260	120	188.67	Railroad spike in 6-inch thorn tree on east side of stream at stream mile 1.0 of Mound Creek.
RM 261	120	200.81	Railroad spike in east side of power pole, approximately 500 feet east of Mound Creek at stream mile 1.0.
RM 262	120	167.15	Railroad spike in power pole at southwest corner of intersection of Katy Hockley Road and Jack Road.
RM 263	120	162.18	Railroad spike 2 feet west of edge of pavement, approximately 0.3 mile south of intersection of Katy Hockley Road and Jack Road.
RM 264	120	157.77	Bronze disk set in top of concrete post projecting 0.2 foot above ground, approximately 2 miles southeast along US Route 290 from its intersection with Hegar Road, approximately 4.75 miles south along Katy Hockley Road, approximately 37.6 feet west of centerline of road, approximately 17.9 feet south of centerline of private road leading west, approximately 7.4 feet west of power pole, approximately 1.1 feet north of metal witness post, and approximately 2 feet below level of road.
RM 265	120	166.45	Brass cap set in pipe, approximately 2 feet north of third 90-degree bend in Sharp Road west of Katy Hockley Road.
RM 266	120	166.41	Brass cap set in pipe on east edge of Sharp Road, approximately 35 feet north of road centerline at second 90-degree bend in Sharp Road west of Katy Hockley Road.
RM 267	120	162.50	Bronze disk set in top of concrete post, flush with ground, approximately 7.05 miles south of intersection of US Route 59 and Katy Hockley Road, approximately 128 feet north of center of wire gate, and approximately 32 feet west of centerline of road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 268	120	160.65	Bronze disk set in to of concrete post projecting 0.4 foot above ground, approximately 7.55 miles south of intersection of US Route 290 and Katy Hockley Road, and approximately 32 feet west of centerline of road.
RM 269	120	166.32	Dirt road intersects Logenbaugh at west end, north on dirt road to intersection with east-west dirt road, T-iron with brass cap at intersection of two dirt roads.
RM 270	120	167.82	Bronze disk set in top of concrete post projecting 1.4 feet from ground and approximately level with road, approximately 122 feet west of centerline of intersection of Katy Hockley Road and Sharp Road, approximately 117 feet east of power pole, approximately 30.5 feet north of centerline of Sharp Road, and approximately 0.5 foot south of fence.
RM 271	120	166.88	Bronze disk set in concrete post projecting 1.4 feet, approximately 1 foot below level of road, approximately 115 feet north of centerline of junction of Katy Hockley Road and Sharp Road, approximately 48.5 feet east of northeast corner of house, and approximately 12.3 feet south of fence.
RM 272	120	159.42	Bronze disk set in top of concrete post projecting 0.2 foot above ground, approximately 8.45 miles along Katy Hockley Road from Katy, approximately 35 feet north of centerline of Sharp Road, and approximately 3 feet northwest of fence corner.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 274	125	153.84	COE brass cap set in pipe at sixth 90-degree turn along House Hahl Road from its intersection with US Route 290, near two gates leading east and north, due south of stream mile 38.58 of Cypress Creek (K100-00-00), and approximately 2,500 feet from creek.
RM 275	125	157.68	Pipe with brass cap at southwest quadrant of fourth 90-degree bend in House Hahl Road west of its intersection with Katy Hockley Road.
RM 276	125	153.26	COE brass cap set in pipe at fifth 90-degree turn along House Hahl Road from its intersection with US Route 290, near barricade markers, due south of stream mile 38.58 of Cypress Creek, and approximately 5,100 feet from creek.
RM 277	125	159.31	Railroad spike in power pole on west side of dirt road at stream mile 17.25 of Langham Creek.
RM 278	125	155.03	Railroad spike in fence post on north side of dirt road at stream mile 16.38 of Langham Creek.
RM 279	125	157.23	Painted spot on top of reinforced concrete pipe at bridge crossing Langham Creek at stream mile 17.25.
RM 280	125	151.10	Railroad spike in fence post on south side of ditch, approximately 50 feet west of confluence of Langham Creek and tributary, at Langham Creek stream mile 14.28.
RM 281	130	141.89	Bronze disk set in top of northwest end of large 4-channel concrete culvert, approximately 17 feet southeast of northwest end of retaining wall, extending northwest from headwall and approximately level with highway; located approximately 0.95 mile southeast along US Route 290 from post office at Cypress, and approximately 24.5 feet southwest of centerline of southwest lane of highway.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 282	130	144.62	Bronze disk set in top walkway at northeast corner of southernmost US Route 290 bridge over Cypress Creek.
RM 283	130	145.46	Bronze disk set in concrete monument at crossing of Southern Pacific Railroad and Barker-Cypress Road (at US Route 290), located approximately 47 feet southwest of southwest rail and approximately 64 feet east of road centerline.
RM 284	130	140.22	HCFCD monument on downstream side of Telge Road bridge over Cypress Creek, along centerline of stream.
RM 285	130	133.83	COE brass cap at southeast corner of intersection of Cypress-North Houston Road and Susquehanna.
RM 286	130	144.41	Bronze disk set in concrete monument, approximately 0.7 mile south on Barker-Cypress Road from its intersection with US Route 290; station site is approximately 31 feet east of centerline.
RM 287	130	143.52	Bronze disk set in top of concrete post, approximately 1.4 miles south of intersection of Barker-Cypress and US Route 290; disk is approximately 137 feet south of west end of culvert, and approximately 1.5 feet east of witness post.
RM 288	130	143.04	Bronze disk set in top of concrete post at ground level, approximately 2 miles south of intersection of US Route 290 and Barker-Cypress Road, approximately 112 feet south of telephone cable line that crosses road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 289	130	141.24	Bronze disk set in top of concrete post near ground level, approximately 2.7 miles south of intersection of Barker-Cypress Road and US Route 290, approximately 0.1 mile north of row of steel power line towers, approximately 155 feet south of south end of concrete bannister of bridge, approximately 21 feet south of telephone pole, and approximately 7 feet west of metal witness post.
RM 290	130	141.62	Bronze disk set in top of concrete post level with ground, approximately 3.25 miles south of intersection of US Route 290 and Barker-Cypress Road, approximately 43 feet west of centerline of road, approximately 4.4 feet southwest of brace pole, and approximately 7 feet west of metal witness post.
RM 291	135	129.70	Brass disk on downstream side of Grant Road bridge over centerline of Cypress Creek.
RM 292	135	124.51	Railroad spike in south side of power pole on north side of Windfern Road, approximately 1.75 miles east of its intersection with FM 1960.
RM 293	135	102.37	Railroad spike in west side of power pole on east side of Windfern Road, approximately 1.26 miles from its intersection with Taub Road.
RM 294	135	110.24	Chiseled square in curb at southeast corner of intersection of Bunker Wood Road and Fairbanks-North Houston Road.
RM 295	135	109.74	Chiseled square on east end of median on Fallbrook Drive, at intersection with FM 149.
RM 296	135	115.21	Chiseled square in concrete culvert on north side of Windfern Road, approximately 0.4 mile north of intersection with Taub Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 297	135	113.22	Chiseled square in concrete headwall on east side of Windfern Road, approximately 0.22 mile south of intersection with Taub Road.
RM 298	135	112.51	Railroad spike in southeast side of power pole on east side of Fairbanks-North Houston Road, approximately 0.87 mile north of intersection with Breen Road.
RM 299	140	111.84	Railroad spike in power pole approximately 675 feet east along power line from a point on Bammel-North Houston Road located approximately 1.7 miles south of its intersection with Radenz Drive; spike is approximately 195.3 feet northeast of southeast leg of south metal tower.
RM 300	140	108.66	Railroad spike in power pole approximately 2,660 feet east along power line from a point on Bammel-North Houston Road located approximately 1.7 miles south of its intersection with Radenz Drive; spike is approximately 109.5 feet northeast of southeast leg of metal tower supporting south high-tension lines.
RM 301	140	107.77	Railroad spike in power pole approximately 5,570 feet east along power line from a point on Bammel-North Houston Road located approximately 0.7 mile south of its intersection with Radenz Drive; spike is approximately 190.8 feet northeast of southeast leg of metal tower supporting south high-tension lines.
RM 302	140	105.51	Railroad spike in power pole approximately 8,840 feet east along power line from a point on Bammel-North Houston Road located approximately 0.7 mile south of its intersection with Radenz Drive; spike is approximately 250 feet east of southeast leg of metal tower to north high-tension lines.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 303	140	104.43	Railroad spike in power pole approximately 11,200 feet east along power line from a point on Bammel-North Houston Road located approximately 0.7 mile south of its intersection with Radenz Drive; spike is approximately 135 feet northeast of northeast leg of metal tower.
RM 304	140	112.58	Bronze disk set in top of northwest end of southeast headwall of concrete culvert under Stuebner-Airline Road near its intersection with Spears Road; disk is approximately 13 feet northeast of centerline of Stuebner-Airline Road, and approximately 90 feet northwest of centerline of Spears Road.
RM 305	140	109.31	Bronze disk set in top of northwest end of northwest headwall of concrete culvert under Stuebner-Airline Road near its intersection with Kelly Lane; disk is approximately 14 feet northeast of centerline of Stuebner-Airline Road, and approximately 100 feet northwest of extended centerline of Kelly Lane.
RM 306	140	104.81	Bronze disk set in top of concrete post projecting 0.2 foot from ground, near intersection of Gears Road and Walters Road, approximately 1 foot east of 4-inch by 4-inch wooden marker post.
RM 307	140	100.47	Chiseled square on concrete headwall on north side of exit driveway of Veterans' Cemetery on east side of Stuebner-Airline Road, approximately 1.24 miles north of its intersection with West Road; square is approximately 39.5 feet south of south end of chain link fence next to cemetery gate, approximately 62.8 feet northeast of power pole directly across street, and approximately 126 feet north of fire hydrant on southwest corner of intersection of Morewood Drive and Stuebner-Airline Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 308	140	103.52	Chiseled square in north end of culvert on east side of North Houston-Rosslyn Road, approximately 0.87 mile north of its intersection with Breen Drive.
RM 309	140	101.34	Chiseled square in east end of culvert on north side of West Montgomery Road, approximately 0.9 mile south of its intersection with North Houston-Rosslyn Road.
RM 310	140	103.53	Chiseled X on northwest corner of Mosielee Road bridge, approximately 0.1 mile south along Mosielee Road from its intersection with Frick Road; X is approximately 23.8 feet southeast of culvert, approximately 49.3 feet west of southeast corner of barbed-wire fence, and approximately 6.1 feet north of metal guard rail on bridge.
RM 311	140	99.54	Chiseled X on concrete culvert on west side of Mosielee Road, approximately 0.7 mile south of its intersection with Frick Road.
RM 312	140	101.35	Railroad spike projecting 2.75 inches from south side of power pole No. 3034 in northeast corner of intersection of Frick Road and Sundale Road, approximately 1 mile west of intersection of Frick Road and Stuebner-Airline Road; spike is approximately 80.7 feet southeast of gas meter, approximately 1.6 feet west of underground cable housing, 59.6 feet north of northwest corner of chain-link fence, and approximately 14 inches above ground.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 313	140	90.11	Chiseled X, approximately 14 inches from end of 6.5-foot-diameter sewage culvert in northeast corner of intersection of West Road and Stuebner-Airline Road, approximately 1.4 miles north of intersection of Stuebner-Airline Road and FM 149; X is approximately 132.6 feet northwest of underground cable housing, and approximately 86.4 feet northwest of power pole at corner of barbed-wire fence.
RM 314	140	90.82	Railroad spike projecting 2.5 inches from east side of power pole No. 9901 on left side of Stuebner-Airline Road, approximately 0.9 mile north of its intersection with FM 149; spike is approximately 9.75 inches above ground, approximately 41.5 inches below COE witness post sign, approximately 52.8 feet southwest of south end of culvert running parallel to road, approximately 164.0 feet northwest of power pole at edge of brush line, and southeast of southeast corner of white house No. 9921.
RM 315	140	98.88	Chiseled X in northeast concrete headwall on Kuykendahl Road, approximately 0.5 mile northwest from its intersection with Interstate Route 45, and approximately 247 feet along Kuykendahl from De Montrand Road.
RM 316	145	89.04	Railroad spike projecting 3 inches from power pole on west side of Aldine Westfield Road, approximately 0.5 mile north of its intersection with Rankin Road.
RM 317	145	84.60	Bronze HCFCD disk on north end of concrete headwall at northeast corner of intersection of Rankin Road and Aldine Westfield Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 318	145	82.25	Chiseled square on concrete culvert on north side of Rankin Road, approximately 0.5 mile east of its intersection with Aldine Westfield Road.
RM 319	145	87.51	Bronze disk protected by 6-inch metal pipe projecting 2 feet, approximately 2 telephones north of milepost 136 along Union Pacific Railroad, approximately 46 feet west of East Hardy Road centerline, approximately 32.4 feet east of northeast rail, approximately 1 foot south of metal witness post, and approximately 5 feet below level of rail.
RM 320	145	77.86	Chiseled square on east end of concrete culvert on south side of Greens Road, approximately 0.8 mile east of its intersection with Hardy Road.
RM 321	145	80.29	Nail projecting 2.25 inches from power pole on south side of Greens Road, approximately 1.24 miles east of its intersection with Hardy Road.
RM 322	145	83.66	Railroad spike projecting 3 inches from power pole at northeast corner of T-intersection of Aldine Westfield Road and Simmans Street.
RM 323	145	81.20	Railroad spike projecting 2 inches from power pole at northeast corner of intersection of Aldine Westfield Road and Greens Road.
RM 324	145	87.73	Chiseled X in concrete culvert on northeast side of Rankin Road, approximately 1.5 miles east of its intersection with Aldine Westfield Road.
RM 325	145	81.43	60d nail projecting 2.25 inches from power pole at southeast corner of T-intersection of Greens Road and Morales Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 326	145	78.27	Railroad spike projecting 2 inches from power pole at northeast corner of T-intersection of Townson Road and Lee Road.
RM 327	145	77.23	Railroad spike projecting 3 inches from power pole at southeast corner of intersection of Greens Road and Lee Road.
RM 328	145	79.74	Bronze disk protected by 6-inch metal pipe, near Union Pacific Railroad under North Belt overpass, approximately 99 feet west of southwest of rail, in center of 2 center columns of second row of six columns located west of tracks, and approximately 1 foot east of metal witness post.
RM 329	145	70.61	Nail projecting 3.25 inches from power pole on north side of Aldine Bender Road, approximately 0.47 mile west of its intersection with Morales Road.
RM 330	145	70.77	Chiseled square in south end of concrete culvert on east side of Aldine Westfield Road, approximately 1.02 miles south of its intersection with Aldine Bender Road.
RM 331	145	77.67	Railroad spike projecting 2 inches from power pole at northwest corner of intersection of Aldine Bender Road and Picton Drive.
RM 332	145	68.39	Railroad spike projecting 2.25 inches from power pole at southeast corner of intersection of Old Humble and Homestead Roads.
RM 333	145	59.51	Railroad spike projecting from power pole on west side of Homestead Road, approximately 1.08 miles north of its intersection with Winfield Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 334	150	82.225	Railroad spike set in south side of power pole on west side of ditch approximately 43 inches below COE witness post; located approximately 0.5 mile west of intersection of Carpenter Road and South Houston Avenue.
RM 335	150	79.364	Chiseled X cut in south end of easternmost culvert on west side of South Houston Avenue at intersection with Carpenter Road.
RM 336	150	75.349	Railroad spike set in east side of power pole approximately 51 inches below COE witness post at northwest corner of intersection of South Houston Avenue with Adam-Bennett Road.
RM 337	150	65.676	Railroad spike in west side of power pole approximately 51 inches below COE witness post at northwest corner of Y-intersection of South Houston Road with Old Humble Road and Atascocita Road.
RM 338	150	69.38	Chiseled X in concrete headwall on east side of Old Humble Road, approximately 0.5 mile south on Old Humble Road from its intersection with Atascocita Road.
RM 339	150	68.356	Chiseled X cut in concrete culvert passing under Wilson Road, at northwest corner of intersection of Wilson Road with Atascocita Road.
RM 340	150	78.27	Railroad spike projecting approximately 2 inches from power pole on southeast side of Atascocita Road, approximately 2.8 miles northeast on Atascocita Road from its intersection with Old Humble Road.
RM 341	150	68.64	Railroad spike projecting approximately 3 inches from west side of easternmost power pole, approximately 3.4 miles northeast on Atascocita road from its intersection with Old Humble Road, where power line crosses road, approximately 1.1 miles south along power line.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 342	150	62.24	Railroad spike projecting approximately 3 inches from west side of easternmost power pole, approximately 3.4 miles northeast on Atascocita Road from its intersection with Old Humble Road, where power line crosses road, approximately 1.6 miles south along power line.
RM 343	150	62.00	Railroad spike projecting approximately 2 inches from east side of easternmost power pole, approximately 4 miles east on North Belt Drive from its intersection with Old Humble Road, where power line crosses road, approximately 0.5 mile north along power line.
RM 344	150	59.05	Chiseled X in culvert on north side of North Belt Drive, approximately 4 miles east on North Belt Drive from its intersection with Old Humble Road.
RM 345	150	58.72	Disk in top of southwest end of northwest concrete headwall for 5 X 5-foot box culvert under track, approximately 2.4 miles northeast along Union Pacific Railroad from crossing of Mount Houston Parkway.
RM 346	150	61.44	Disk set in top of concrete post approximately 2.05 miles northeast on Union Pacific Railroad tracks from their intersection with Mount Houston Parkway, 2 telephone poles northeast of milepost 287, approximately 30.4 feet northwest of northwest rail, approximately 15 feet southwest of telegraph pole, and approximately 17 feet southeast of fence.
RM 347	150	70.77	Railroad spike projecting approximately 3 inches from power pole, at southwest corner of intersection of Berry Jungle Road and Old Humble Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 348	150	58.43	Bronze disk in top of concrete post approximately 4 inches above ground, approximately 5 miles northeast along Union Pacific Railroad from crossing of Mount Houston Parkway, approximately 60 feet northwest of centerline of dirt road, approximately 49.3 feet southeast of southeast rail, approximately 1.5 feet southwest of metal witness post.
RM 349	150	55.37	Disk set in top of concrete post at intersection of Union Pacific Railroad and Lockwood Road, approximately 0.75 mile northeast on tracks, approximately 10 rails southwest of trestle No. 3891, approximately 92 feet east of milepost No. 389, approximately 48 feet southeast of southeast rail.
RM 350	150	55.37	Disk set in top of concrete post at intersection of Lockwood Road and Union Pacific Railroad, approximately 3.25 miles northeast on tracks from intersection of Union Pacific Railroad and Mount Houston Parkway, approximately 51.1 feet southeast of southeast rail, approximately 69 feet west of centerline of Lockwood Road, and approximately 25 feet southwest of telephone pole.
RM 351	155	65.23	Bronze disk in top of concrete post projecting approximately 5 inches above level of ground, approximately 4.55 miles southwest along Union Pacific Railroad from crossing of FM 2100, approximately 32 feet east of telephone pole, approximately 3 feet southeast of metal witness post.
RM 352	155	62.34	Bronze disk approximately 6.1 miles northeast on Union Pacific Railroad from its intersection with South Lake Houston Parkway, 3 telephone poles northeast of milepost 390, approximately 21.5 feet southwest of telegraph pole, and approximately 3 feet southeast of fence.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 353	155	56.77	Chiseled square set in concrete headwall of Canal Bridge, approximately 18 inches above ground, approximately 1.65 miles west on Binnacle Way from its intersection with FM 2100.
RM 354	155	46.77	Railroad spike projecting from power pole, approximately 1.05 miles west on Binnacle Way from its intersection with FM 2100, approximately 36.5 feet west of culvert, and approximately 14.5 feet north of centerline of Binnacle Way.
RM 355	155	56.96	Chiseled X in concrete headwall of canal bridge, at intersection of Diamondhead Boulevard and San Jacinto River Authority Canal, approximately 20.5 feet southeast of centerline of Diamondhead Boulevard and approximately 19 feet northeast of southwest end of canal bridge.
RM 356	155	42.63	Metal cap on concrete drain cover, approximately 0.5 mile south on Golf Club Road from its intersection with Binnacle Way, approximately 13 feet west of centerline of Golf Club Road and approximately 28.5 feet west of fire hydrant.
RM 357	155	52.47	Railroad spike in 18-inch tree, approximately 2.5 miles west on Diamondhead Boulevard from its intersection with FM 2100, approximately 24 feet northeast of centerline of Diamondhead Boulevard and approximately 75.5 feet southeast of sign for Newport Swim & Tennis Club.
RM 358	155	46.36	Chiseled square in concrete drain cover, approximately 2.15 miles west on Diamondhead Boulevard from its intersection with FM 2100, approximately 86 feet west of fire hydrant, and approximately 12.5 feet north of centerline of Diamondhead Boulevard.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 359	155	35.38	Chiseled square approximately 23 inches from west end of bridge, approximately 1.35 miles west on Diamondhead Boulevard from its intersection with FM 2100, approximately 12 feet south of centerline of Diamondhead Boulevard, and approximately 10.6 feet east of fire hydrant.
RM 360	160	56.49	Chiseled square in bridge post, approximately 3.65 miles on FM 2100 from its intersection with Southern Pacific Railroad, approximately 5.7 feet north of bridge post at seam of pavement, and approximately 19.1 feet east of centerline of FM 2100.
RM 361	160	57.88	Disk set in concrete monument, approximately 1.1 mile south of intersection of FM 2100 and Stroker Road, approximately 13.2 feet south of centerline of driveway, approximately 70.5 feet west of centerline of FM 2100, and approximately 4.5 feet northwest of power pole.
RM 362	160	58.47	Railroad spike in southwest corner of intersection of FM 2100 and Foley Road, approximately 2.8 miles north on FM 2100 from its intersection with Southern Pacific Railroad, approximately 39.4 feet south of centerline of Foley Road, and approximately 45.2 feet west of centerline of FM 2100.
RM 363	160	54.37	Chiseled square in concrete headwall of culvert, approximately 2.3 miles north on FM 2100 from its intersection with Southern Pacific Railroad, approximately 27.7 feet north of centerline of Hare-Cook Road, and approximately 21.2 feet east of centerline of FM 2100.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 364	160	52.23	Disk in metal pipe, at intersection of Hare-Cook Road and FM 2100, approximately 188 feet southwest of centerline of Hare-Cook Road, approximately 49 feet west of centerline of FM 2100.
RM 365	160	51.30	Railroad spike projecting from large tree on north side of intersection, approximately 2.4 miles north on FM 2100 from its intersection with U. S. Route 90 to Newport Boulevard, approximately 0.2 mile west on Newport Boulevard to Port O'Call Drive, north on Port O'Call Drive approximately 2 miles to North Diamondhead Boulevard, approximately 27 feet north of centerline of North Diamondhead Boulevard, and approximately 60 feet northeast of centerline of Port O'Call Drive.
RM 366	160	47.67	Chiseled square in northeast corner of intersection, approximately 0.8 mile north on Port O'Call Drive from its intersection with Harbor Mist Way to Topsail Way, approximately 285 feet west on Topsail Way to Typhoon Way, approximately 12 feet west of centerline of Typhoon Way, and approximately 52 feet north of centerline of Topsail Way.
RM 367	160	44.12	Chiseled square approximately 12 feet north of centerline of Flying Bridge Way, approximately 1.3 miles north from intersection of Newport Boulevard and Port O'Call Drive, approximately 54 feet east of centerline of Port O'Call Drive.
RM 368	160	43.45	Chiseled square in concrete storm drain, approximately 0.9 mile north on Port O'Call Drive from its intersection with Newport Boulevard, approximately 14 feet northeast of centerline of Port O'Call Drive and approximately 125 feet north of northeast corner of fence around swimming pool.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 369	160	54.31	Chiseled square set in concrete headwall of canal bridge, in southwest corner of intersection of Binnacle Way and Port O'Call Drive, on north end of west side of bridge.
RM 370	160	42.33	Chiseled square at intersection of Cape Hope Street and Diamondhead Boulevard, approximately 12.5 feet southwest of centerline of Cape Hope Street, and approximately 38.5 feet northwest of centerline of Diamondhead Boulevard.
RM 371	160	45.67	Chiseled square in concrete curb, approximately 0.35 mile north on FM 2100 from its intersection with Southern Pacific Railroad, approximately 10 feet south of centerline of Diamondhead Boulevard, and approximately 26.1 feet northwest of fire hydrant.
RM 372	160	45.56	Disk set in base of building approximately 225 feet south intersection of FM 2100 and Southern Pacific Railroad; disk is approximately 13.2 feet southwest of southwest curb of North Main Street, approximately 10.1 feet west of power pole No. 3600-5613, and approximately 28.6 feet west-northwest of power pole.
RM 373	160	41.72	Chiseled square in concrete curb on North Main Street, approximately 0.07 mile south of crossing of Southern Pacific Railroad and FM 2100; square is approximately 25.9 feet northwest of power pole No. 12400-00014, and approximately 19.5 feet east of centerline of North Main Street.
RM 374	160	46.36	Chiseled square in sidewalk at intersection of Dayton-Crosby Road and Runneburg Road, approximately 37.4 feet north of centerline of Runneburg Road and approximately 18.6 feet east of power pole.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 375	160	49.81	Railroad spike in center of Ramsey Road at its intersection with Runneburg Road, in line with power pole north of Runneburg Road, approximately 40.5 feet north of centerline of Ramsey Road, and approximately 10 feet east of west edge of Ramsey Road.
RM 376	160	51.37	Disk in northeast headwall of culvert at intersection of Ramsey Road and Dayton-Crosby Road, approximately 45 feet northwest of centerline of Dayton-Crosby Road, approximately 28.5 feet east of centerline of Ramsey Road, and approximately 64.7 feet southeast of centerline of railroad crossing of Ramsey Road.
RM 377	165	170.85	Brass cap set in concrete at intersection of west end of Logenbaugh Road and dirt road.
RM 378	165	171.33	Bolt on north edge of FM 529 at its intersection with gravel road, approximately 1 mile west of intersection of FM 529 and Pitts Road.
RM 379	165	166.99	Chiseled X in east end of reinforced concrete pipe on north side of FM 529, approximately 2,500 feet west of its intersection with Pitts Road.
RM 380	165	166.40	Railroad spike in center of intersection of Pitts Road and FM 529.
RM 381	165	165.86	Railroad spike on centerline of FM 529, approximately 1,000 feet east of its intersection with Pitts Road.
RM 382	165	162.00	Railroad spike on centerline of FM 529, approximately 1,000 feet west of its intersection with Katy Hockley Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 383	165	160.88	Railroad spike on north edge of FM 529 at its intersection with Katy Hockley Road.
RM 384	165	159.86	Railroad spike on centerline of FM 529, approximately 1,500 feet east of its intersection with Katy Hockley Road.
RM 385	165	166.08	Drift pin in north curb of wooden bridge along Beckendorf Road, immediately west of intersection with Pitts Road.
RM 386	165	163.44	Railroad spike on northeast corner of wooden bridge along Stockdick Road, immediately west of intersection with Pitts Road.
RM 387	170	145.84	Railroad spike on post on northwest wing wall of timber bridge over Langham Creek at stream mile 13.36.
RM 388	170	148.63	Railroad spike in Tenneco pipeline marker fence post near stream mile 4.8 of Dinner Creek.
RM 389	170	146.36	Paint spot on north end of pipe under dirt road near stream mile 4.3 of Dinner Creek.
RM 390	170	159.96	Railroad spike in fence post on south side of dirt road northwest of Katy Hockley Cutoff Road bridge over Bear Creek.
RM 391	170	159.77	Railroad spike in top of post in southeast wing wall of Logenbaugh Road bridge over Bear Creek.
RM 392	170	140.88	Brass cap on right side of FM 529, approximately 5.75 miles east of it intersection with Katy Hockley Road; cap is approximately 60 feet north of centerline of FM 529.
RM 393	170	143.91	Railroad spike in centerline of Freeman Road at its intersection with dirt road leading south, approximately 4,300 feet west of Freeman Road bridge over Dinner Creek.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 394	170	157.14	X scribed in curb on west side of Katy Hockley Cutoff Road bridge over South Mayde Creek.
RM 395	170	149.29	Railroad spike in 12-inch gate post on west side of Porter Road, approximately 0.5 mile north of its intersection with Stockdick Road.
RM 401	170	144.39	Circle scribed on curb on west side of Peek Road bridge over South Mayde Creek.
RM 402	170	141.02	X scribed in sidewalk on south side of Stockdick Road bridge over South Mayde Creek.
RM 403	170	142.83	Railroad spike in center of intersection of Stockdick Road and gravel road, at Stockdick Road turn toward north, near Cable Route Post No. 22002.
RM 404	175	137.41	Bronze disk set in top of concrete post flush with ground, approximately 4.15 miles south of intersection of US Route 290 and Barker-Cypress Road, approximately 37 feet east of centerline of road, approximately 5.5 feet southeast of power pole No. 89, and approximately 5 feet southeast of underground telephone cable cannister No. 8402.
RM 405	175	136.46	Bronze disk set in top of concrete post flush with ground, approximately 4.5 miles south of intersection of US Route 290 and Barker-Cypress Road, approximately 29.5 feet east of centerline of road, and approximately 1.7 feet southwest of metal witness post.
RM 406	175	136.34	Bronze disk set in top of concrete post 5 inches above ground, approximately 4.7 miles south of intersection of US Route 290 and Barker-Cypress Road, approximately 261 feet north of extended centerline of private drive leading north, and approximately 1.5 feet south of T-fence corner post.

EXHIBIT 3 - ELEVATION REFERENCE MARKS continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 407	175	135.02	Paint spot on southeast corner of headwall at dirt road off Freeman Road, and approximately 2,800 feet west of Freeman Road bridge over Langham Creek.
RM 408	175	132.90	Bronze disk in top center of north concrete headwall of 3-foot by 6-foot box culvert approximately 5.25 miles south of intersection of US Route 290 and Barker-Cypress Road, approximately 375 feet south of centerline of FM 529, and approximately 239 feet east of centerline of Barker-Cypress Road.
RM 409	175	109.15	From intersection of US Route 290 and Addicks-Satsuma Road, 5.75 miles south to Langham Creek bridge, west along south bank approximately 500 feet to old concrete dam or flood gate, approximately 200 feet south to bronze disk located approximately 30 feet northeast of 12-inch twin white oak tree, approximately 39 feet east of 18-inch pine tree, in middle of wooded area.
RM 410	175	111.87	Bronze disk on centerline of Tanner at intersection with Addicks-Fairbanks Eldridge Road.
RM 412	175	129.08	Bronze disk set in concrete monument at station site located approximately 0.55 mile north along Barker-Cypress Road from its intersection with Clay Road, and approximately 30 feet west of road centerline.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 414	180	106.80	Railroad spike on south side of Tanner, approximately 100 feet west of its intersection with Brittmore.
RM 415	180	110.11	Railroad spike in west side of power pole on east side of Fairbanks-North Houston Road, approximately 0.18 mile north of its intersection with Breen Road.
RM 416	180	106.75	Chiseled square in concrete culvert on north side of Breen Drive, approximately 1.4 mile west of its intersection with North Houston-Rosslyn Road.
RM 417	180	110.37	HCFCD disk in concrete headwall on east side of Windfern Road, approximately 1.4 miles south of its intersection with Taub Road.
RM 418	180	106.35	Railroad spike projecting 3.5 inches from power pole at southeast corner of intersection of Philippine Street and Windfern Road.
RM 419	180	94.64	Chiseled square on concrete culvert on west side of Fairbanks-North Houston Road, approximately 0.4 mile north of its intersection with West Little York Road.
RM 420	180	100.32	Railroad spike projecting 3.5 inches from power pole at southeast corner of intersection of Okanella and Gessner Road.
RM 421	180	94.70	Bronze disk set in top of concrete monument at station site located approximately 0.45 mile south along Campbell Road from its intersection with Hempstead Road, approximately 53 feet south-southwest of centerline of curve in road.
RM 422	180	101.14	Chiseled square in concrete culvert at northeast corner of intersection of Genard Road and Gessner Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 423	180	97.23	Chiseled square on top of sewer inlet at northwest corner of intersection of US Route 290 and Windfern Road.
RM 424	180	93.31	Chiseled square on top of drain on south side of US Route 290, approximately 0.65 mile east of its intersection with Windfern Road.
RM 425	180	89.62	Chiseled square on top of drain at southwest corner of intersection of US Route 290 and Guhn Road.
RM 426	180	86.04	Chiseled square on top of drain at southeast corner of intersection of US Route 290 and Hollister Drive.
RM 427	185	90.16	Chiseled square in centerline of east sidewalk of North Houston-Rosslyn Road bridge over White Oak Bayou.
RM 428	185	83.98	HCFCD disk in inlet at northeast corner of intersection of West Little York Road and North Houston-Rosslyn Road.
RM 429	185	78.68	HCFCD disk in center of bridge over White Oak Bayou, on south side of West Little York Road, approximately 0.2 mile east of its intersection with Antoine Road.
RM 430	185	78.75	Brass HCFCD disk in sidewalk of bridge over Vogel Creek, on south side of West Little York Road, approximately 0.38 mile east of its intersection with Antoine Road.
RM 431	185	79.95	Brass USC&GS disk set on top of copper-coated steel rod at crossing of Creekmont Drive and Missouri-Kansas-Texas Railroad; disk is approximately 63 feet south of drive centerline, and approximately 49.5 feet northeast of northeast rail of main track.
RM 432	185	79.24	Chiseled square on top of catch basin on north side of Pinemont Drive, approximately 262 feet of its intersection with Antoine Drive.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 433	185	82.74	Chiseled square in east end of headwall on north side of Pinemont Drive, approximately 0.7 mile west of its intersection with Antoine Road.
RM 434	185	84.92	Chiseled square on west end of culvert at northeast corner of Dolly Wright and Carver Road.
RM 435	185	87.16	HCFCD disk in center of headwall at southeast corner of intersection of Carver Road and West Little York Road.
RM 436	185	84.14	Chiseled square on concrete pipe on north side of De Soto Street, approximately 0.1 mile east of its intersection with Carver Road.
RM 437	185	84.77	Chiseled square at northeast end of bridge on east side of Duoto, approximately 0.15 mile south of its intersection with De Soto Street.
RM 438	185	91.83	Chiseled square in concrete headwall on east side of West Montgomery Road, approximately 1.31 miles from its intersection with FM 149.
RM 439	185	88.01	Chiseled square on concrete pipe at northwest corner of T-intersection of West Montgomery Road and Ellington.
RM 440	185	89.43	Chiseled square on drainpipe on north side of West Montgomery Road, approximately 0.1 mile northwest of its intersection with Phillips.
RM 441	185	85.99	Railroad spike in power pole at southwest corner of intersection of Wilburforce and Wheatley.
RM 442	185	82.47	Chiseled square on top of drainpipe at northwest corner of T-intersection of Wheatley and Paul Quinn.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 443	185	82.47	Chiseled square on concrete headwall at northwest corner of intersection of Wheatley and Creekmont Drive.
RM 444	185	87.92	Chiseled X on concrete slab for traffic control box in southwest corner of intersection of West Mount Houston Road and Stuebner Airline Road, approximately 1.0 mile west of intersection of West Mount Houston Road and Interstate Route 45; X is approximately 50.7 feet east of 33-inch-diameter Bell System manhole cover, approximately 28.3 feet west of Mobil sign on southeast corner of intersection, and west of northwest corner of Mobil gas station.
RM 445	185	84.54	Chiseled square on concrete drainage cover in northwest corner of intersection of Interstate Route 45 and West Gulf Bank Road, approximately 36 feet west of light signal pole, and approximately 48 feet northwest of light signal pole.
RM 446	185	82.39	Chiseled square on culvert running under Sweetwater Road, in northwest corner of its intersection with West Gulf Bank Road, approximately 0.16 mile east of intersection of West Gulf Bank Road and Interstate Route 45; square is approximately 60.8 feet west of gas meter, approximately 54.4 feet east of power pole, and approximately 63 feet northwest of power pole.
RM 447	185	85.49	Chiseled square on concrete pipe at northeast corner of intersection of Dolly Wright and Knox.
RM 448	185	81.08	Chiseled square in center of concrete pipe at southeast corner of T-intersection of Sam and North Shepherd Drive.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 449	185	77.56	Chiseled square on northeast corner of curb inlet at southeast corner of intersection of Interstate Route 45, feeder road, and West Parker Road.
RM 450	185	73.11	Chiseled square in center of culvert headwall on west side of Interstate Route 45 feeder road, approximately 0.6 mile south of its intersection with West Parker Road.
RM 452	185	95.83	Chiseled X on top of bolt in southeast corner of foundation for power high line on west side of North Houston-Rosslyn Road approximately 1.9 miles south on North Houston-Rosslyn Road from its intersection with West Montgomery Road.
RM 453	190	72.78	Nail projecting 2 inches from power pole at northwest corner of intersection of Chrisman Road and Aldine Mail Road.
RM 454	190	67.92	Chiseled square on a curb inlet at southeast corner of intersection of south feeder road of Interstate Route 45 and East Tidwell Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 457	190	69.82	Chiseled X in concrete port around Texaco underground gasoline tanks, approximately 0.6 mile south on East Hardy Road from its intersection with Little York Road to its intersection with Charles Road, in southeast corner of intersection in front of Texaco station, approximately 25.5 feet southeast of fire hydrant, approximately 80.5 feet southeast of corner of chain link fence in northeast corner of intersection and approximately 42.5 feet north of Texaco sign.
RM 458	190	69.14	USC&GS disk approximately 2.8 miles northeast and north on Southern Pacific Railroad from station, approximately 4.25 miles north on Union Pacific Railroad at Wellington junction, approximately 98 feet northwest of extended centerline of Wellington, approximately 45.8 feet northeast of northeast rail, approximately 32 feet southwest of East Hardy Road centerline, approximately 190.5 feet east of telephone pole, approximately 0.8 foot southeast of metal witness post, approximately 5 inches below level of rail, and set in top of concrete post projecting 0.5 foot.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 459	190	69.59	Railroad spike projecting approximately 3 inches from west side of power pole approximately 16 inches above ground, approximately 1.1 miles south on East Hardy Road from its intersection with Little York Road to power pole No. 9850 in southeast corner of intersection of Hardy Road and Schilder Drive, approximately 28.5 inches below COE witness post sign, approximately 13.5 feet northeast of fire hydrant, and approximately 74.7 feet south of southwest corner of Oil Tool Rebuilders' building.
RM 460	190	68.83	Railroad spike projecting approximately 2 inches from west side of pole, approximately 5 inches above ground, approximately 1.6 miles south on East Hardy Road from its intersection with Little York Road to unmarked power pole in southeast corner of intersection with Tidwell Road, approximately 33 inches below COE witness post sign, approximately 57.6 feet northeast of fire hydrant in southeast corner of intersection, and approximately 12.8 feet west of traffic control light box.
RM 461	190	66.78	Chiseled X on concrete headwall approximately 44.4 feet west of 7-Eleven sign, approximately 0.5 mile east on Tidwell Road from its intersection with East Hardy Road.
RM 462	190	65.17	Chiseled X in concrete rooting for lamp post, approximately 1 mile east on Tidwell Road from its intersection with East Hardy Road to southeast corner of intersection with Jensen Drive, in parking lot of Commercial State Bank, approximately 32.6 feet south of power pole and approximately 75.5 feet northwest of metal pole supporting sign for Commercial State Bank.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 463	190	62.99	Railroad spike projecting approximately 1.6 inches from west side of unmarked power pole in southeast corner of intersection, approximately 0.1 mile east on Tidwell Road from its intersection with U. S. Route 59, approximately 20 inches above ground, approximately 36.5 inches below COE witness post sign, approximately 86.5 feet northeast of northeast corner of Lees Hardware and Nursery Center, and approximately 99.5 feet south of power pole in northeast section of intersection.
RM 464	190	62.33	Railroad spike projecting approximately 2.5 inches from west side of power pole, approximately 0.6 mile east on Tidwell road from its intersection with U. S. Route 59 to service station in southeast corner of intersection of Tidwell Road and Hirsch Road, in northeast corner of service station's parking lot, approximately 18 inches above ground, approximately 49 inches below COE witness post sign, approximately 101.9 feet east of traffic light box, and approximately 6.7 feet north of Key Gas Station sign.
RM 465	190	55.78	Railroad spike projecting approximately 2 inches from west side of power pole No. 8900, approximately 0.5 mile south on Homestead Road from its intersection with Tidwell Road to northeast corner of intersection with Leighton, approximately 80.2 feet northwest of Watson Cafe, approximately 4.9 feet down from COE witness sign, and approximately 1.5 feet above ground.
RM 466	190	70.67	Chiseled square on east end of retaining wall at northwest corner of intersection of Aldine Mail Route and Aldine Westfield Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 467	190	69.06	Railroad spike projecting approximately 2.5 inches from power pole at southeast corner of intersection of Aldine Westfield Road and Hartwick.
RM 468	190	67.34	Railroad spike projecting approximately 2.5 inches from power pole at northeast corner of intersection of Chamberlain and Aldine Westfield Road.
RM 469	190	66.32	Railroad spike projecting approximately 2.75 inches from north side of power pole, approximately 0.15 mile west on Little York Road from its intersection with Aldine Westfield Road to edge of brush past open field on south side of road, approximately 9.5 inches above ground, approximately 52.5 inches below COE witness post sign, approximately 175 feet southeast of southeast corner of Westfield Road Volunteer Fire Department building and approximately 75 feet south of light and power pole on north side of Little York Road.
RM 470	190	61.26	Railroad spike in power pole projecting approximately 2 inches from north side of power pole No. 59732 in southeast side of intersection, approximately 0.9 mile west on Little York Road from its intersection with U. S. Route 59 to its intersection with Somerset Lane, approximately 10 inches above ground, approximately 30.5 inches below COE witness post sign, approximately 12.2 feet northeast of fire hydrant, and approximately 52.5 feet east of corner of chain link fence in southwest corner of intersection.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 471	190	60.96	Chiseled square on north side of 2 X 2-foot circular concrete light pole post, approximately 0.4 mile west on Little York Road from its intersection with U. S. Route 59 to lamp post on south side of road next to Leonards sign, approximately 5.1 feet west of Leonards sign, approximately 112.5 feet west of fire hydrant, and approximately 145 feet northeast of northeast corner of Modern Muffler Shop.
RM 472	190	57.43	Railroad spike projecting approximately 2.5 inches on north side of pole, approximately 0.2 mile west on Little York Road from its intersection with U. S. Route 59 to unmarked power pole on south side of road and on west side of entrance to Leasing Fleet Office, approximately 18 inches above ground, approximately 29.5 inches below COE witness post sign, approximately 62.6 feet north of northeast corner of Leasing Fleet Office, approximately 47.5 feet east of fire hydrant, and 8.2 feet west of telephone cable housing.
RM 473	190	62.99	Railroad spike projecting approximately 2.5 inches from south side of pole, approximately 0.8 mile east on Little York Road from its intersection with U. S. Route 59 to unmarked power pole on south side of road, approximately 21 inches above ground, approximately 22 inches below COE witness post sign, approximately 33.2 feet west of fire hydrant, and approximately 159.2 feet south of power pole on north side of Little York Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 474	190	67.29	Chiseled square on northeast corner of headwall, approximately 1.5 miles east on Little York Road from its intersection with U. S. Route 59 to far east headwall in front of Fire Station No. 56, City of Houston Fire Department, approximately 80.4 feet northeast of fire station's flag pole, and approximately 113 feet north of gas meter.
RM 475	190	61.73	Railroad spike projecting approximately 2 inches from west side of power pole No. 27222, approximately 1.3 miles north on Homestead Road from its intersection with Tidwell Road to northeast corner of intersection of Homestead Road and Langley Road, to station site at power pole No. 27222, approximately 10.8 feet west-southwest of corner of chain link fence, approximately 75.1 feet north of fire hydrant in southeast corner of intersection, approximately 8 inches above ground, and approximately 45 inches below COE witness post sign.
RM 476	190	65.86	Railroad spike projecting approximately 2.5 inches from power pole on east side of Homestead Road at T-intersection with Sam Houston Road.
RM 477	190	67.98	Railroad spike projecting approximately 2 inches from power pole at southeast corner of intersection of Homestead Road and Hopper Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 478	190	67.38	Railroad spike projecting approximately 2 inches from north side of wooden traffic signal support pole, approximately 1.8 miles east on Little York Road from its intersection with U. S. Route 59 to intersection with Homestead Road, in southwest corner of intersection, approximately 16 inches above ground, approximately 34 inches below COE witness post sign, approximately 46.6 feet west of northwest corner of chain link fence surrounding Northwood Junior High School, approximately 92.2 feet east of northeast corner of small building, No. 10747, inside used car lot.
RM 479	190	69.59	Chiseled X in concrete culvert approximately 21 feet north of Little York Road in front of U-TOTEM grocery store, approximately 2.2 mile east on Little York Road from its intersection with U. S. Route 59 to northeast corner of intersection of Little York Road and Cheeves Drive, approximately 59 feet south of utility pole, approximately 16 feet west of fire hydrant, and approximately 78 feet southeast of telephone company underground cable box.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 482	190	67.46	Railroad spike projecting approximately 2.5 inches from power pole at northeast corner of intersection of Homestead and Winfield Roads.
RM 483	195	66.60	Railroad spike projecting approximately 3 inches from power pole at northwest corner of intersection of Suburban Road and Hermann Road.
RM 484	195	57.05	Chiseled square in northwest corner of bridge, approximately 3.3 miles east on Little York Road from its intersection with U. S. Route 59, approximately 75 feet southwest of utility pole, approximately 70 feet northwest of southwest corner of bridge, and approximately 70 feet northwest of northeast fence post near gate in barbed wire fence.
RM 485	195	56.24	Railroad spike projecting approximately 2 inches from power pole on east side of East Houston-Dyersdale Road, approximately 0.6 mile north on East Houston-Dyersdale Road from its intersection with Little York Road.
RM 486	195	53.39	Chiseled X in culvert in northwest corner of intersection, approximate'y 4 miles east on Little York Road from its intersection with U. S. Route 59 to intersection with Mesa Road, approximately 50 feet north of power pole, approximately 29.5 feet southeast of No Dumping sign, and approximately 74.5 feet southeast of fire hydrant.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 487	195	54.41	USC&GS disk set on top of west end of south concrete headwall of 3 X 3-foot box culvert, approximately 0.7 mile northeast on East Houston Road from Hibard Baptist Church, approximately 2.3 miles north on Mesa Road, approximately 20 feet east of road centerline, approximately 128 feet southwest of southwest corner of William C. Smilley School, approximately 34 feet northwest of power pole, approximately 1 foot above road level and approximately 1.8 feet east of west end of headwall.
RM 488	195	52.43	National Geodetic Survey disk on top of 4-foot copper-coated rod attached to metal base plate, at ground level, encase in 6-inch metal pipe flush with ground, approximately 0.7 mile northeast on East Houston Road from Hibard Memorial Baptist Church, approximately 2.25 miles north on Mesa Road, approximately 38 feet west of road centerline, approximately 8.5 feet west of telephone pole, approximately 2.5 feet south of southeast fence corner for fence around Houston Natural Gas Pumping Station, at southeast corner of lawn of Carole M. Anderson Library, approximately 1 foot north of metal witness post, approximately level with road.
RM 489	195	53.81	Disk set on top of south end of west headwall of 3 X 8-foot box culvert under road, approximately 0.7 mile northeast from Hibard Memorial Baptist Church at East Houston Road to station site approximately 1.45 miles north on Mesa Road, approximately 15 feet west of road centerline, approximately 124 feet southeast of southeast corner of Kentshire Baptist Church Education building, approximately 22 feet northeast of telephone pole, approximately 3.5 feet north of south end of headwall, and approximately 1 foot above road level.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 490	195	44.50	Railroad spike projecting approximately 1.7 inches from east side of pole, approximately 1.5 miles south on Mesa Road from its intersection with Little York Road, to northwest corner of intersection with Tidwell Road, approximately 12 inches above ground and approximately 50 inches below COE witness post sign, approximately 92 feet north of power pole in southwest corner, approximately 74.4 feet northwest of fire hydrant in southeast corner of intersection.
RM 491	195	43.66	Chiseled X in 21.6 X 21.6-foot concrete footing, approximately 0.5 mile south on East Houston-Dyersdale Road from its intersection with Tidwell Road to southwest corner of intersection with Talton Street, approximately 87.6 feet southeast of fire hydrant, approximately 59.6 feet northeast of northwest corner of Ferros Produce Stand.
RM 492	195	49.91	Bronze disk in concrete monument on south side of Mount Houston Parkway, approximately 620 feet on Mount Houston Parkway from its intersection with Lockwood Road.
RM 493	195	52.71	Railroad spike projecting approximately 3 inches from power pole on west side of Lockwood Road, approximately 0.8 mile north on Lockwood Road from its intersection with Garrett Road.
RM 494	195	50.51	Bronze disk in concrete monument on south side of Mount Houston Parkway, approximately 1,950 feet east on Mount Houston Parkway from its intersection with Lockwood Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 495	195	49.83	Railroad spike projecting approximately 2.5 inches from power pole on west side of Lockwood Road, approximately 0.2 mile north on Lockwood Road from its intersection with Garrett Road.
RM 496	195	47.78	Chiseled X in concrete headwall at northwest corner of intersection of Garrett Road and South Lake Houston Parkway.
RM 497	195	46.24	Chiseled square in concrete headwall at southeast corner of intersection of East Belt Road and Garrett Road.
RM 498	195	44.31	Chiseled X on southernmost of two concrete culverts on east side of South Lake Houston Parkway, approximately 2.5 miles north on South Lake Houston Parkway from its intersection with U. S. Route 90, approximately 38.7 feet southwest of oak tree, approximately 28.5 feet southeast of nail in centerline of South Lake Houston Parkway.
RM 499	195	42.24	Chiseled X on concrete culvert approximately 2 miles on South Lake Houston Parkway from its intersection with U. S. Route 90, on east side of South Lake Houston Parkway, approximately 27.9 feet east of nail on centerline of South Lake Houston Parkway, and approximately 7.2 feet north of 20-inch diameter pine with sign for Wood Brothers Homes.
RM 500	195	39.56	Chiseled X in concrete culvert at southeast corner of intersection of South Lake Houston Parkway and Fern Forest Drive, approximately 149.6 feet west of north corner of wooden fence, and approximately 189 feet northwest of underground telephone cable housing.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 501	195	43.90	Chiseled X on southeast corner of bridge, approximately 1.1 miles north on South Lake Houston Parkway from its intersection with U. S. Route 90 to T-intersection, approximately 88.6 feet northwest of northwest corner of chain link fence, and approximately 108.8 feet southeast of southeast barbed wire fence.
RM 502	200	57.40	Chiseled square on southeast corner of bridge on south side of Mount Houston Parkway, approximately 6.5 miles east on Mount Houston Parkway from its intersection with Mesa Road.
RM 503	200	51.80	Disk set in concrete monument approximately 36.5 feet north-northeast of power pole, approximately 1.15 miles northeast on Aqueduct Road from its intersection with Garrett Road, approximately 36 feet east of centerline of Aqueduct Road, and approximately 19 feet south of 15-inch pine tree.
RM 504	200	50.71	Chiseled X in concrete culvert on south side of Mount Houston Parkway, approximately 6 miles east on Mount Houston Parkway from its intersection with East Houston-Dyersdale Road.
RM 506	200	53.02	Chiseled square on southeast corner of bridge on south side of Mount Houston Parkway, approximately 1,500 feet east on Mount Houston Parkway from the intersection of South Lake Houston Parkway and West Lake Houston Parkway, to bridge.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 507	200	49.17	Chiseled square in concrete culvert on south side of Mount Houston Parkway, approximately 2.3 miles east on Mount Houston Parkway from its intersection with Lockwood Road.
RM 508	200	44.12	Chiseled X on concrete culvert on Parkfield Drive, approximately 850 feet northeast of intersection of Parkfield Drive and East Belt Road.
RM 509	200	45.04	Chiseled square in concrete headwall, approximately 1.2 miles northwest on East Belt Road from its intersection with US Route 90, approximately 52.4 feet southwest of centerline of East Belt Road, and approximately 26.6 feet west of nail in centerline of East Belt Road.
RM 510	200	40.36	Chiseled X in culvert running under dirt road, approximately 0.6 mile northwest on East Belt Road from its intersection with US Route 90, approximately 550 feet south of intersection of two roads, and approximately 69.5 feet west of nail in centerline of East Belt.
RM 511	200	42.57	Railroad spike projecting from unmarked utility pole, approximately 1.9 miles northeast on US Route 90 from its intersection with South Lake Houston Parkway, on north side of US Route 90, station site across from Porras Paint and Body Shop, approximately 101.5 feet southwest of underground cable witness post sign, approximately 166 feet southwest of northeast corner of Porras Paint and Body Shop, and approximately 115 feet northwest of Porras Paint and Body Shop sign.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 512	200	41.28	USC&GS disk set in top of concrete post approximately 3.05 miles southwest on US Route 90 from its intersection with Sheldon Road, approximately 252 feet north-northeast of center of reservoir crossing, approximately 190 feet northwest of centerline of US Route 90, and approximately 1.5 feet northeast of metal witness post.
RM 513	200	43.56	USC&GS disk set in top of southeast concrete headwall of box culvert under US Route 90, approximately 2.3 miles southwest on US Route 90 from its intersection with Sheldon Road, approximately 30.5 feet southeast of centerline of US Route 90, and approximately 37.5 feet northeast of centerline of Miller Road No. 3.
RM 514	200	41.08	USC&GS disk set in top of concrete post approximately 1.95 miles southwest on US Route 90 from its intersection with Sheldon Road, station site approximately 50 feet northwest of centerline of US Route 90, approximately 4 feet northeast of milepost 348, and approximately 1.5 feet southwest of metal witness post.
RM 515	200	49.35	One-inch pipe set in concrete fence post support, approximately 1.6 miles west on Garrett Road from its intersection with Sheldon Road, approximately 6.6 feet west of power pole, and approximately 30.5 feet south of centerline of Garrett Road.
RM 516	200	50.32	Disk set in concrete monument approximately 50.5 feet west of power pole, approximately 0.8 mile west on Garrett Road from its intersection with Sheldon Road, approximately 38 feet north of centerline of Garrett Road, and approximately 9 feet east of centerline of driveway.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 517	200	29.78	Disk set in concrete monument approximately 54 feet south of centerline of Garrett Road, at southwest corner of intersection of Garrett Road and Sheldon Road, approximately 43 feet west of centerline of Sheldon Road.
RM 518	200	46.72	Railroad spike in northeast corner of intersection of Garrett Road and 1st, projecting from power pole, approximately 8.75 feet southwest of metal fence post, and approximately 27.5 feet east of centerline of 1st.
RM 519	200	47.25	Chiseled square approximately 36 feet north of centerline of US Route 90, approximately 0.8 mile east on US Route 90 from its intersection with Sheldon Road, and approximately 51 feet south of main railroad track.
RM 520	200	44.15	USC&GS disk set in top of concrete post, approximately 0.2 mile northeast on Southern Pacific Railroad from its intersection with Sheldon Road, approximately 121.4 feet northwest of centerline of US Route 90, approximately 27 feet northwest of northwest rail, approximately 19 feet southwest of fence, and approximately 2 feet southwest of metal witness post.
RM 521	200	44.66	COE disk approximately 2 feet northwest of metal witness post and set in concrete post, approximately 0.45 mile northeast of Sheldon Elementary School from crossing of Southern Pacific Railroad and Sheldon Road, approximately 40 feet west of centerline of Sheldon Road, and approximately 32 feet northwest of northwest rail.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 522	200	42.53	Chiseled square on bridge abutment, approximately 0.4 mile west on US Route 90 from its intersection with Sheldon Road, approximately 29 feet north of centerline of US Route 90, and approximately 153 feet east of centerline of entrance to Richmond Tank Car Company.
RM 523	200	41.54	Chiseled X on southeast side of bridge, approximately 0.2 mile west on Hall Sheppard Road from its intersection with Sheldon Road, approximately 12 feet south of centerline of Hall Sheppard Road, and approximately 63 feet east of Bell System cable marker.
RM 524	200	41.17	Railroad spike projecting from power pole, at intersection of Van Road and Sheldon Road, approximately 33 feet east of centerline of Sheldon Road, and approximately 30 feet south of centerline of Van Road.
RM 525	200	45.55	Railroad spike projecting from fence pole, approximately 1 mile east on Van Road from its intersection with Sheldon Road, approximately 20 feet south of centerline of Van Road, and approximately 36 feet west of center of railroad track.
RM 526	200	42.84	Chiseled X on east side of bridge over ditch, approximately 0.9 mile south on Sheldon Road from its intersection with US Route 90, approximately 24 feet east of centerline of Sheldon Road, and approximately 57 feet south of north end of 114-foot bridge.
RM 527	200	41.03	Chiseled X on culvert, approximately 0.3 mile north on Walton Road from its intersection with Leonard Road, approximately 12 feet west of centerline of Walton Road, and approximately 18 feet south of fence.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 528	200	47.25	2.5-inch-diameter bolt in railroad tie (flush with north end of tie), approximately 1 mile east on Van Road from its intersection with Sheldon Road to railroad tracks, approximately 0.4 mile south, approximately 39 feet north of cattle guard, and approximately 63 feet east of fence.
RM 529	200	45.63	Railroad spike in tree, approximately 0.1 mile north on Walton Road (cross railroad tracks), from its intersection with Leonard Road, approximately 1,300 feet east on first dirt road, approximately 120 feet south of centerline of dirt road, and approximately 60 feet east of centerline of railroad tracks.
RM 530	200	40.21	Railroad spike in power pole at northeast corner of intersection of Sheldon Road and Leonard Road, approximately 96 feet north of centerline of intersection, and approximately 30 feet east of centerline of Sheldon Road.
RM 531	200	31.33	Chiseled square set in concrete signal box base, approximately 1.62 miles southwest on Southern Pacific Railroad from its intersection with FM 2100, approximately 6.4 feet southeast of southeast rail, and approximately 19 feet southeast of southeast signal box.
RM 532	200	22.15	Disk set in concrete post, approximately 3 poles south of semaphore No. 3427, approximately 1.7 miles southwest on Southern Pacific Railroad from its intersection with FM 2100, approximately 31.9 feet east of east rail, and approximately 8 feet southwest of telegraph pole.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 533	200	17.10	Disk approximately 0.45 mile southwest of milepost 343, approximately 2.3 miles southwest on Southern Pacific Railroad from its intersection with FM 2100, approximately 87 feet southeast of southeast rail, approximately 3.2 feet northwest of fence, and approximately 1.2 feet southwest of metal witness post.
RM 534	200	32.30	Railroad spike projecting from end of bridge, approximately 2.3 miles southwest on Southern Pacific Railroad from its intersection with FM 2100, approximately 156 feet west-southwest of signal post, and approximately 5.5 feet north of corner of bridge abutment.
RM 535	200	45.07	Chiseled square in concrete drain near guard rail of iron pipe, approximately 1.15 mile northeast on US Route 90 from its intersection with Sheldon Road, approximately 0.4 mile north around curves to main gate of Southern Paper Plant (near Administration Building), south through gate, approximately 0.35 mile east, approximately 10.5 feet north of centerline of road, and approximately 3.6 feet northeast of southwest corner pipe of guard rail.
RM 536	200	32.54	Disk set in southeast face of abandoned concrete foundation to control box, approximately 1.95 miles northeast on Southern Pacific Railroad from its intersection with Sheldon Road, approximately 8 feet northwest of northwest rail, approximately 18.3 feet northeast of east corner of northwest signal light No. 3441, and approximately 5 poles southwest of milepost 344.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 537	200	30.12	Chiseled square on northeast side of concrete bridge, at crossing of US Route 90 and the San Jacinto River, approximately 18 feet north of centerline of US Route 90, and approximately 54.5 feet north of stream flow measuring station.
RM 538	200	45.05	Chiseled square in concrete drain approximately 102 feet north of centerline of US Route 90, approximately 1.3 miles east on US Route 90 from its intersection with Sheldon Road, approximately 62 feet northeast of Exxon Gas pipeline marker.
RM 539	200	47.14	Railroad spike approximately 0.5 mile north on Southern Pacific Railroad tracks from intersection of Sheldon Road and Van Road, approximately 1 mile east on Van Road from crossing, approximately 4 feet west of centerline of railroad tracks, and approximately 8 feet east of corner of fence.
RM 540	200	42.87	Railroad spike in tree, approximately 1 mile east on Van Road from its intersection with Sheldon Road, to Southern Pacific Railroad tracks, approximately 0.4 mile south to benchmark 78-20-11A, east approximately 0.2 mile, and approximately 63 feet north of centerline of railroad tracks.
RM 541	205	36.98	Disk approximately 24.8 feet southeast of telephone pole, approximately 1.1 miles southwest on Southern Pacific Railroad from its intersection with FM 2100, approximately 76.4 feet west of telephone pole, and approximately 8.2 feet northwest of northwest rail.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 542	205	45.81	Chiseled square set in concrete semaphore base, approximately 0.25 mile southwest on Southern Pacific Railroad from its intersection with FM 2100, approximately 6.4 feet northwest of northwest rail, and approximately 4.3 feet northeast of metal semaphore box No. 3415.
RM 543	205	22.30	Railroad spike projecting from power pole, approximately 1.4 miles west on US Route 90 from its intersection with FM 2100, approximately 80 feet south of centerline of US Route 90, and approximately 33 feet northeast of northeast corner of house.
RM 544	205	25.79	Chiseled square on southeast end of bridge, approximately 0.7 mile west on US Route 90 from its intersection with FM 2100, approximately 12.5 feet south of centerline of US Route 90.
RM 545	205	46.23	Disk set in concrete culvert, approximately 0.95 mile north of intersection of FM 2100 and Barbers Hill Road, approximately 8.9 feet south of centerline of gravel driveway to ranch, approximately 4.7 feet west of pole, and approximately 37.5 feet east of centerline of FM 2100.
RM 546	205	43.43	Disk set in headwall of culvert, at intersection of FM 2100 and Barbers Hill Road, approximately 36.8 feet northwest of power pole No. 12500-222, approximately 61 feet north of centerline of Barbers Hill Road, and approximately 20 feet east of centerline of FM 2100.
RM 547	205	41.63	Brass disk set in concrete monument, approximately 240 feet north along Haney Road from its intersection with Barbers Hill Road, approximately 75 feet northwest of centerline of Haney Road, and approximately 240 feet north of centerline of Barbers Hill Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 548	215	154.53	COE disk, marked 211 (USE), approximately 2.65 miles north along Katy-Hockley Road from junction with US Route 90, on top of concrete post set approximately 31 feet east of Katy-Hockley Road centerline near power pole supporting transformer.
RM 549	215	151.29	COE disk, marked 210 (USE), on top of concrete post approximately 39 feet northeast of centerline junction of Katy-Hockley Road and Morton Road, approximately 6.7 feet west of power pole supporting street sign.
RM 550	215	148.81	COE disk, marked 209 (USE), approximately 1.5 miles north along Katy-Hockley Road from the junction of US Route 90 on top of concrete post approximately 30.3 feet west of centerline of Katy-Hockley Road, approximately 20.8 feet north of telephone pole No. 1-50.
RM 551	215	145.02	National Geodetic Survey disk, marked U1215, approximately 0.65 mile north along Katy-Hockley Road from junction of US Route 90 set in top center of east concrete headwall of 6-foot box culvert, approximately 109 feet northeast of, and across road from, northeast brick corner of Apostolic Faith Church.
RM 552	215	141.79	USC&GS disk, marked Y7, set vertically in east end of southernmost one of three concrete footings of abandoned water tank approximately 183.2 feet east of east end of Missouri-Kansas-Texas Railroad station at Katy.
RM 553	215	142.00	USC&GS disk, marked Y1148, on top of 5/8-inch rod protected by 6-inch tile, approximately 0.3 mile east along Missouri-Kansas-Texas Railroad from station at Katy, and approximately 5.2 feet southwest of southeast corner of American Rice Growers Co-op Association office building.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 554	215	140.75	Chiseled square on north headwall at west end of upstream side of bridge culvert at intersection of Franz Road and Katy Hockley Cutoff.
RM 555	220	140.02	Chiseled X on top of east headwall of Porter Road bridge over Mason Creek.
RM 556	220	133.50	Nail with cap in centerline of Franz Road, approximately 0.1 mile east from its intersection with Elrod Road, at T-intersection of Franz Road and dirt road leading north.
RM 557	220	132.43	Nail with cap in centerline of Franz Road, at intersection with dirt road leading to Reed Joseph Company rice storage facilities.
RM 558	220	136.36	Bronze disk set in top of concrete post flush with ground, approximately 1.1 miles east along Missouri-Kansas-Texas Railroad from City of Katy, at a point approximately 84 feet north of north rail, approximately 82 feet west of centerline of Katy-Fort Bend Road, set in line with row of telephone poles, approximately 1.5 feet west of metal witness post.
RM 559	220	134.83	Bronze disk set in top of north headwall of concrete culvert under US Route 90, approximately 2.05 miles along Missouri-Kansas-Texas Railroad from station at City of Katy, approximately 0.05 mile southwest of private dirt road leading north, approximately 32 feet north of centerline of westbound lane of US Route 90.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 560	220	134.01	Bronze disk set in top of north headwall of concrete box culvert under access road, approximately 2.8 miles east along Missouri-Kansas-Texas Railroad from station at City of Katy, approximately 0.05 mile south of US Route 90, approximately 59 feet south of center of eastbound lane of US Route 90, approximately 100 yards west of two power line poles that support three transformers.
RM 561	220	133.51	Bronze disk set in top of concrete post flush with ground, approximately 3.2 miles east along Missouri-Kansas-Texas Railroad from station at City of Katy, approximately 3 poles east of milepost No. 1059, approximately 43 feet south of south rail, and approximately 118.3 feet west of centerline of private road.
RM 562	220	131.73	Bronze disk set in top of east end of north headwall of 2-foot box concrete culvert under US Route 90, approximately 3.7 miles east along Missouri-Kansas-Texas Railroad from station at City of Katy, approximately 0.35 mile east of dirt road crossing leading north, approximately 0.45 mile east of milepost No. 1059, approximately 65.6 feet south of south rail.
RM 563	220	127.13	Brass disk set in top of south end of east abutment of concrete bridge, approximately 0.3 mile east on US Route 90 from its intersection with Mason Road, to station site approximately 79 feet north of US Route 90 centerline.
RM 564	220	124.53	Brass disk set in top of west end of south headwall of concrete culvert, approximately 5.2 miles west on rail from Missouri-Kansas-Texas Railroad overpass over State Route 6, to station site approximately 23.5 feet south of south rail.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 565	220	135.51	Railroad spike in center of intersection of Elrod Road and Morton Road.
RM 566	220	138.99	Railroad spike in centerline of Clay Road approximately 2,500 feet east of intersection with Peek Road.
RM 567	220	135.02	Railroad spike in center of intersection of Clay Road and Elrod Road.
RM 568	220	133.90	Chiseled X in sidewalk on south side of Clay Road bridge over South Mayde Creek.
RM 569	220	149.63	Railroad spike in centerline of Clay Road approximately 2,000 feet west of RM 570 and approximately 1,500 feet east of Katy Hockley Cutoff Road.
RM 570	220	147.13	Railroad spike in centerline of Clay Road approximately 2,000 feet west of intersection with Porter Road.
RM 571	220	145.25	Railroad spike in center of intersection of Clay Road and Porter Road.
RM 572	220	144.03	Railroad spike in centerline of Clay Road approximately 4,000 feet west of intersection with Peek Road.
RM 573	220	143.29	Railroad spike in centerline of Clay Road approximately 3,000 feet west of intersection with Peek Road.
RM 574	220	142.03	Railroad spike in centerline of Clay Road and approximately 2,000 feet west of intersection with Peek Road.
RM 575	220	140.74	Railroad spike in intersection of Peek Road and Clay Road.
RM 576	225	119.94	Bronze disk set in concrete monument, approximately 1.3 miles north on Barker-Cypress Road from its intersection with Saums Road, to station site approximately 123 feet west of road centerline.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 577	225	93.73	Railroad spike in center of Patterson Road bridge over Bear Creek.
RM 578	225	93.86	Railroad spike in center of Patterson Road bridge over Langham Creek.
RM 579	225	108.99	Brass disk set in concrete monument, approximately 250 feet north on Barker Cypress Road from its intersection with Saums Road, to station site approximately 30 feet west of road centerline.
RM 580	225	104.77	Brass disk set in concrete monument, approximately 0.9 miles north on East Barker Cypress Road from its intersection with Interstate Route 10, to station site approximately 24 feet east of road centerline.
RM 581	225	116.37	Brass disk set in concrete monument, approximately 0.2 mile west on Addicks Dam from its intersection with East Barker Cypress Road, to station site approximately 12 feet north of dam centerline.
RM 582	225	111.32	Brass disk set in concrete monument, approximately 1.12 miles west on Addicks Dam from its intersection with State Route 6, to station site approximately 13 feet north of dam centerline.
RM 583	225	107.49	Brass disk set in concrete monument, approximately 0.9 mile west on State Route 90 from its intersection with State Route 6, to T-intersection with gravel road leading south, approximately 0.15 mile south on road to Barker Dam, approximately 0.6 mile west on dam to station site approximately 18 feet south of dam centerline.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 584	225	106.93	Brass disk set in concrete monument approximately 0.9 mile west on US Route 90 from its intersection with State Route 6, to T-intersection with gravel road leading south, approximately 0.15 mile south on road to Barker Dam, approximately 674 feet east on dam to station site approximately 20 feet south of dam centerline.
RM 585	225	95.89	Brass disk set in top of west end of south headwall of concrete culvert under tracks, approximately 0.2 mile east on Missouri-Kansas-Texas Railroad from its intersection with State Route 6, to T-intersection with Old Howell Addicks Road station site located approximately 9 feet south of south rail of main track, approximately 20 feet west of road extended centerline.
RM 586	225	95.89	Bronze disk set in top of concrete post projecting approximately 0.3 foot above ground, approximately 1.6 miles east along Missouri-Kansas-Texas Railroad from overpass over State Route 6, approximately 0.05 mile south along Addicks Fairbanks Road, at south side of access road, approximately 25.8 feet south of center of three lanes of eastbound access road, approximately 44.2 feet northwest of southernmost pole of billboard sign at edge of south retaining wall.
RM 587	225	88.59	Bronze disk set in top of concrete post projecting approximately 0.4 foot above ground, approximately 0.05 mile south along Addicks Fairbanks Road, at south side of access road, approximately 1.6 miles east along Missouri-Kansas-Texas Railroad from overpass over State Route 6, approximately 25.8 feet south of center of three lanes of eastbound access road, approximately 34.8 feet east of power pole, approximately 10 feet above level of access road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 588	225	90.01	Brass disk set in concrete monument, at crossing of Missouri-Kansas-Texas Railroad and Old Dairy Ashford Road, approximately 34.4 feet north of north rail and approximately 97 feet east of road centerline.
RM 589	225	112.69	Bronze disk set in top of east end of south headwall of 10-foot box culvert, approximately 3.4 miles west on Missouri-Kansas-Texas Railroad from its overpass over State Route 6, approximately 3.4 miles west on rail to station site approximately 65.5 feet south of railroad tracks.
RM 590	225	109.73	Bronze disk set in concrete monument, approximately 0.51 mile northeast on Groeschke Road from its intersection with Barker-Cypress Road, approximately 475 feet east of 90° corner.
RM 591	225	114.70	Bronze disk in concrete monument, approximately 0.85 mile east on Clay Road from its intersection with Barker-Cypress Road, approximately 340 feet south of Clay Road centerline.
RM 592	225	103.51	Bronze disk set in top of west end of south headwall of twin concrete culvert under tracks, approximately 2 miles west on Missouri-Kansas-Texas Railroad from its overpass over State Route 6, approximately 8.2 feet south of south rail.
RM 593	225	81.03	Bronze disk set in concrete monument marked with witness post, approximately 124.5 feet east of State Route 6 centerline, at State Route 6 bridge over Buffalo Bayou, approximately 163.1 feet northeast of northeast corner of bridge.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 594	230	101.76	Brass cap on south side of Clay Road, approximately 12 feet off pavement, approximately 4,420 feet west of centerline of Addicks Dam.
RM 595	230	103.25	Northeast bolt of light pole pad at southwest corner of intersection of Clay Road and Brittmoore Road.
RM 596	230	99.48	Railroad spike projecting approximately 3 inches from power pole, at northwest corner of T-intersection of Clay Road and Hollow Hook Road.
RM 597	230	94.23	USC&GS brass disk set in concrete monument flush with ground, at intersection of Clay Road and Fitze Lane, approximately 47.2 feet south of Clay Road centerline, and approximately 20 feet east of Fitz Lane centerline.
RM 598	230	89.09	Railroad spike projecting approximately 3 inches from power pole, at southeast corner of T-intersection of Clay Road and Galway Lane.
RM 599	230	84.51	Chiseled square on concrete culvert at northwest corner of intersection of Mona Lee Lane and Pitner Road.
RM 600	230	81.79	Chiseled square on top of concrete pipe at northwest corner of intersection of Sorneville Drive and Hollister Drive.
RM 601	230	88.38	Brass disk set in top of center of south headwall of concrete culvert under Campbell Road, at intersection of Blalock Road and Campbell Road, approximately 66 feet west of Blalock Road centerline and approximately 16 feet south of Campbell Road centerline.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 602	230	81.38	Bronze disk protected by 6-inch steel pipe flush with ground, approximately 1.15 miles north along Campbell Road from Interstate Route 10 overpass at Spring Branch, approximately 100 feet west of extended centerline of Campbell Road, north of centerline of fourth lane of Longpoint Road, approximately 24 feet north-northeast of light and power pole No. 1908, approximately 0.6 foot west of metal witness post, and approximately 0.6 foot above level of ground.
RM 603	230	92.33	Bronze disk protected by 6-inch steel pipe projecting approximately 0.2 foot above ground, approximately 3.2 miles east along Missouri-Kansas-Texas Railroad from overpass over State Route 6, at east entrance to Westchester Junior High School, approximately 110 feet north of north rail, approximately 50 feet east of centerline of paved road leading north on east side of school, approximately 35 feet north of centerline of Old Katy Road, approximately 30.2 feet east of extended centerline of North Kirkwood Drive northbound lanes, and approximately 1.5 feet below level of tracks.
RM 604	230	91.38	Brass disk set flush with ground in tile, at crossing of Missouri-Kansas-Texas Railroad and Sherwood Forest, approximately 35 feet west of street centerline and approximately 36.3 feet south of south rail.
RM 605	230	85.89	Brass disk set in top of west end to north concrete headwall of 30-inch culvert under tracks, approximately 500 feet west on Missouri-Kansas-Texas Railroad from its intersection with Gessner Road, approximately 10.3 feet north of north main rail.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 606	230	84.11	Chiseled square in top of north headwall of two-channel concrete culvert under tracks, approximately 17.3 feet north of north main rail of Missouri-Kansas-Texas Railroad, at crossing of Missouri-Kansas-Texas Railroad and Witte Road, approximately 76 feet west of road centerline.
RM 607	230	86.09	Bronze disk set vertically in east face of southernmost of six concrete columns supporting overpass and three feet above level of ground, at Interstate Route 10 overpass at Bunker Hill Road, approximately 35 feet east of centerline of northbound lane of Bunker Hill Road, approximately 34.5 feet north of centerline of eastbound lane of Interstate Route 10.
RM 608	230	79.08	Bronze disk set vertically in east face of northernmost concrete column supporting overpass, and approximately 3.3 feet above level of ground, at Interstate Route 10 overpass at Campbell Road, approximately 19.5 feet west of centerline of southbound lane of Campbell Road, approximately 50 feet south of centerline of westbound lane of Interstate Route 10.
RM 609	230	74.9	Top of curb of bridge on Bracher Drive over Spring Branch, between Lanell Lane and Cedarbrook Drive.
RM 610	235	69.2	Top of curb of bridge on Westview Drive over Spring Branch between Lofland Drive and Peach Road.
RM 611	235	60.068	Top of concrete post projecting approximately 0.2 foot above ground, approximately 0.15 mile east along Missouri-Kansas-Texas Railroad from its crossing of Bingle Road, approximately 40.4 feet north of north rail, approximately 27.3 feet east of east leg of steel power line tower.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 612	235	66.040	Top of concrete post projecting approximately 0.4 foot above ground, approximately 3,650 feet east of Bingle Road along Missouri-Kansas-Texas Railroad, approximately 4 rails west of west end of trestle, approximately 31.4 feet north of north rail, approximately 51.3 feet west of southwest leg of metal tower for power line.
RM 613	235	77.66	HCFCD disk in center of bridge on east side of Lang Road, approximately 660 feet on Lang Road from its intersection with Hempstead Road.
RM 614	235	67.64	HCFCD brass disk in center of bridge on east side of Costa Rica Road, approximately 0.37 mile north on Costa Rica Road from its intersection with Wyatt Milwee Street.
RM 615	235	71.63	USC&GS brass disk on top of copper-coated steel rod, approximately 3.4 miles northwest on Missouri-Kansas-Texas Railroad from its intersection with North Shepherd Drive, approximately 49.4 feet southwest of southwest rail.
RM 616	235	60.87	Chiseled square in southwest corner of bridge on south side of East Interstate Route 610 feeder road, approximately 327 feet east on East Interstate Route 610 feeder road from its intersection with West T C Jester Boulevard.
RM 617	235	58.39	Chiseled square in north corner of bridge on southeast side of Ella Boulevard, approximately 375 feet south on Ella Boulevard from its intersection with East T C Jester Boulevard, to White Oak Bayou bridge.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 618	235	54.86	HCFCD disk set over centerline of White Oak Bayou, in south sidewalk, on westbound T C Jester Boulevard bridge over White Oak Bayou.
RM 619	235	58.23	USC&GS brass disk set in top of north side of concrete base of crossing signal, approximately 12.5 feet south of south rail of Missouri-Kansas-Texas Railroad, at crossing of North Shepherd Drive and Missouri-Kansas-Texas Railroad, approximately 13 feet east of North Shepherd Drive east lane centerline.
RM 620	235	59.69	Chiseled square on top of concrete catch basin, at southeast corner of intersection of 40-1/2 Street and North Main Street.
RM 621	235	69.10	USC&GS brass disk set in concrete tile monument midway between two east legs of steel power line, approximately 0.3 mile east on Interstate Route 10 from its intersection with Wirt Road, approximately 100 feet east of centerline of entrance to trailer park.
RM 622	235	65.23	Railroad spike in power pole, at intersection of Memorial Drive and International Boulevard.
RM 623	235	67.49	USC&GS brass disk in top of west end of north headwall of concrete culvert under US Route 90, at intersection of North Post Oak Road and US Route 90, approximately 30 feet north of US Route 90 north lane centerline, approximately 145 feet east of North Post Oak Road.
RM 624	235	62.89	USC&GS brass disk set in steel pipe, approximately 0.7 mile east on Missouri-Kansas-Texas Railroad from its intersection with West Loop 610 and Interstate Route 10, approximately 112.7 feet south of south rail.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 625	240	57.99	Chiseled square in east edge of sidewalk on east side of Airline Drive, approximately 100 feet south on Airline Drive from its intersection with East 40-1/2 Street.
RM 626	240	53.94	USC&GS disk set in top of west end of southwest wing wall at northwest end of small culvert, at crossing of White Oak Drive and Missouri-Kansas-Texas Railroad, approximately 45 feet northwest of intersection of rail and drive centerline, approximately 9 feet northeast of northeast rail.
RM 627	240	54.08	Brass USC&GS disk set in concrete monument, at crossing of Missouri-Kansas-Texas Railroad at intersection of Spring and Henderson, approximately 37 feet north of Spring centerline, approximately 19 feet north of north rail.
RM 628	240	25.48	Chiseled X in billboard support on east side of Houston Avenue, approximately 0.1 mile south on Houston Avenue from its intersection with White Oak Bayou.
RM 629	240	34.34	NGS Survey set on top of 4-foot length of 5/8-inch copper-coated steel rod protected by 6-inch steel pipe flush with ground, approximately 0.9 mile northwest on Missouri-Kansas-Texas Railroad from switch control building No. 108, at Interstate Route 10 eastbound overpass over tracks, to station site approximately 13 feet north of north rail, approximately 39.5 feet east of extended centerline of Holly, approximately 27 feet north of extended centerline of Spring, approximately 36.8 feet west-southwest of telephone pole, set in middle of, and in line with, first 4 concrete pillars supporting Interstate Route 10 eastbound lanes north of tracks.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 630	240	58.55	USC&GS disk set in top of west end of south concrete abutment of underpass, approximately 2.75 miles north on Union Pacific Railroad from station at Houston, approximately 1.3 miles north on Missouri Pacific Railroad at Loop 137 underpass, approximately 5 feet west of west rail.
RM 631	240	51.59	USC&GS disk set in top of west corner of west concrete foundation to water tank (tank no longer exists, only leg foundation remains), on Union Pacific Railroad from station at Collingsworth crossing, approximately 80 feet south of centerline of Collingsworth, approximately 21.6 feet south of southwest corner of railroad telephone house No. 210, approximately 7.3 feet east of east rail of Union Pacific Railroad, approximately 1 foot east of west corner of west foundation, approximately 0.5 foot below rail level.
RM 632	240	48.86	USC&GS disk set in top of concrete post projecting approximately 2 inches, approximately 2.05 miles north on Union Pacific Railroad from station, to its intersection with Quitman, approximately 39 feet west of west rail of main track, approximately 53 feet north of centerline of Quitman, approximately 5.5 feet west of southeast corner of fence around group of transformers, approximately 1 foot south of fence, approximately 1 foot east of metal witness post, approximately level with tracks.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 633	240	49.39	USC&GS disk in top of concrete post projecting approximately 4 inches, approximately 1.3 miles northeast on Union Pacific Railroad from station, approximately 34.5 feet west of west rail of main track, approximately 67 feet west-southwest of northwest corner of building, approximately 70 feet southwest of center of intersection of Lyons and Maffitt, approximately 14 feet southeast of northeast corner of fence, to station site approximately 3 feet west of west edge of sidewalk level with track.
RM 634	240	48.14	USC&GS disk set in top of 2.5-foot X 10-foot concrete foundation, approximately 1.85 miles northeast along Southern Pacific Railroad from station, approximately 651 feet southwest of Jensen Drive underpass, approximately 121.7 feet northeast of extended centerline of Stevens, approximately 20 feet northwest of northwest rail, approximately 3.7 feet east of east corner of concrete foundation of battery box, approximately 0.4 foot northwest of southeast side of foundation, approximately 1 foot below rail level.
RM 635	240	46.43	USC&GS disk set in top of northeast end of southeast headwall of concrete culvert under Liberty Road, approximately 0.5 mile northeast on San Jacinto from County Courthouse, approximately 0.5 mile east along Nance, approximately 2.7 mile northeast along Southern Pacific Railroad, approximately 0.2 mile northeast of Lockwood Drive overpass, approximately 0.15 mile northeast of old tower No. 68, approximately 113 feet southwest of west corner of new tower No. 68, approximately 52 feet northwest of northwest rail of northwest track, approximately 15 feet southeast of centerline of Liberty Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 636	240	48.32	USC&GS disk set in top of southwest end of northwest concrete foundation of tower building No. 68, directly beneath top of steel stairway, approximately 0.45 mile north-northeast on San Jacinto from new Harris County Courthouse, approximately 0.1 mile northeast on Rothwell, approximately 0.45 mile east on Nance, approximately 2.7 miles northeast on Southern Pacific Railroad to station site 0.2 mile northeast of Lockwood Drive overpass, approximately 39 feet northwest of northwest rail, approximately 2 feet southwest of west corner, and approximately 6 inches above ground.
RM 637	240	54.78	Railroad spike approximately 0.18 inch from east side of power pole No. 27250 and No. 7825, approximately 1 mile south on Homestead Road from its intersection with Tidwell Road to southwest corner of intersection with Carothers, approximately 0.7 foot from ground, and approximately 5.7 feet below COE witness post sign.
RM 638	240	52.40	Railroad spike in power pole No. 7208/58958 projecting approximately 1.8 inches from north side of pole, approximately 0.2 mile east on Ley Road from its intersection with Homestead Road, approximately 63.2 feet northwest of northeast corner of house at 7212 Ley, approximately 64.2 feet south of power pole in northeast section of intersection, approximately 5 inches above ground, and approximately 72 inches below COE witness post sign.
RM 639	240	49.39	Chiseled X on concrete culvert under Ley Road, approximately 0.6 mile east on Ley Road from its intersection with Homestead Road, approximately 17 feet northwest of fire hydrant, approximately 52.2 feet south of power pole on north side of Ley Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 640	245	40.03	Chiseled X on concrete headwall in northeast corner of intersection of Green River and South Lake Houston Parkway, approximately 0.5 mile north on South Lake Houston Parkway from its intersection with US Route 90, approximately 76.6 feet west of underground cable housing, approximately 66.2 feet east of power pole.
RM 641	195	40.95	USC&GS disk set in center of top of northwest concrete headwall of box culvert, approximately 4.1 miles southwest on US Route 90 from its intersection with Sheldon Road, approximately 0.25 mile northeast of SWIG water tower, approximately 30 feet northwest of centerline of US Route 90.
RM 642	245	38.62	USC&GS disk set in top of concrete post, approximately 5.1 miles southwest on US Route 90 from its intersection with Sheldon Road, 5 telephone poles southwest of milepost 351, approximately 18.3 feet southeast of private road.
RM 643	245	40.04	Railroad spike projecting from southwest side of power pole No. 55, approximately 0.5 mile northeast on US Route 90 from its intersection with South Lake Houston Parkway, approximately 35.6 feet southeast of railroad crossing sign, approximately 136 feet northwest of northeast corner of Child's gas station, approximately 121 feet north of power pole No. 12800.
RM 644	245	36.60	Railroad spike projecting from unmarked power pole on north side of road across from US Route 90 car wash, approximately 0.9 mile northeast on US Route 90 from its intersection with South Lake Houston Parkway, approximately 124 feet north of northwest corner of US Route 90 car wash, approximately 94 feet northwest of power pole No. C482/30/T, approximately 27 feet northwest of northeast corner of US Route 90 car wash.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 645	245	48.30	Railroad spike in unmarked power pole projecting approximately 1.8 inches from west side of pole, approximately 1.1 mile east on Ley Road from its intersection with Homestead Road, approximately 10.6 inches above ground, approximately 57.6 inches below COE witness post sign, approximately 59.7 feet north of traffic control box in southeast corner of intersection, and approximately 80.3 feet east of fire hydrant in northwest corner of intersection.
RM 646	245	44.19	Railroad spike projecting approximately 1.8 inches from north side of pole, approximately 1.6 mile on Ley Road from its intersection with Homestead Road, approximately 6.6 inches above ground, approximately 75.3 inches below COE witness post sign, approximately 60.4 feet southwest of fire hydrant, approximately 93.1 feet northeast of northwest corner of antique shop, approximately 83.2 feet southeast of power pole No. 46146.
RM 647	245	44.13	Chiseled X on concrete slab for post footing, approximately 1.9 mile on Ley Road from its intersection with Homestead Road, to intersection with East Houston Road, approximately 62.3 feet southwest of southeast corner of Ron's Drive In Grocery, approximately 72.4 feet west-northwest of fire hydrant in northeast corner of intersection.
RM 648	245	42.76	Chiseled X on 3 X 3-feet footing for Texaco sign, approximately 0.5 mile east from intersection of Ley Road and East Houston Road, approximately 14.7 feet south of fire hydrant, approximately 80 feet east of light support post.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 649	245	44.63	USC&GS disk set on top of north end of east headwall for 2 X 8-feet box culvert approximately 14 feet east of East Houston Road centerline, approximately 0.2 mile north on East Houston Road from Hibard Memorial Baptist Church at East Houston Road, approximately 98 feet northwest of center of junction of Carolwood Road and East Houston Road, approximately 1 foot east of north end of headwall, and approximately 100 feet north of centerline of Green River Road approximately level with East Houston Road.
RM 650	245	43.52	Railroad spike projecting approximately 1.2 inches from north side of power pole, approximately 0.3 mile west on East Houston Road from its intersection with Mesa Road, to southwest corner of intersection with Feland Street, approximately 12 inches above ground, approximately 64.2 inches below COE witness post sign, approximately 93.5 feet northeast of sign, approximately 62.4 feet west of fire hydrant in northeast corner of intersection.
RM 651	245	44.31	Chiseled X in concrete headwall, approximately 0.9 mile south on East Houston Dyersdale Road from its intersection with Tidwell Road, to northeast corner of intersection with Crestview Drive, approximately 61.2 feet northeast of sign, and approximately 62.4 feet west of fire hydrant in northeast corner of intersection.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 652	245	42.06	USC&GS disk set in top of south end of west headwall for double-channeled box culvert between Sunbury Road and Eastover Road, approximately 0.7 mile south on East Houston Road from Hibard Memorial Baptist Church at East Houston Road, approximately 24 feet west of East Houston Road centerline, approximately 6 feet north of south end of east headwall, approximately 49 feet north of telephone pole, and approximately 2 feet below road level.
RM 653	245	49.75	Bronze disk set in southeast headwall of southeast corner of bridge, approximately 0.5 mile south on Mesa Drive from its intersection with Ley Road, approximately 75.6 feet north of fire hydrant, approximately 150 feet south of fire hydrant on southeast corner of intersection of Mesa and Spike Wood Drive.
RM 654	245	43.73	Chiseled X set in concrete headwall on west side of Mesa Road, approximately 1 mile south on Mesa Road from its intersection with Ley Road, approximately 89.2 feet northeast of underground telephone box, approximately 79.2 feet east of underground cable box.
RM 655	245	42.59	USC&GS disk set in top of southeast end of southwest concrete seat of concrete bridge in Liberty Road, approximately 0.45 mile north-northeast along San Jacinto from new Harris County Courthouse, approximately 0.1 mile northeast on Rothwell, approximately 0.45 mile east on Nance, approximately 4.2 mile northeast on Southern Pacific Railroad to station site approximately 54 feet northwest of northwest rail, approximately 23.5 feet southeast of centerline of road, approximately 8 feet southeast of southeast concrete guardrail of bridge, approximately 2 feet below road level, and approximately 1.5 feet below top of bridge abutment.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 656	245	41.91	USC&GS disk set in top of southwest end of southeast concrete headwall of culvert under road, approximately 0.45 mile north-northeast on San Jacinto from Harris County Courthouse, approximately 1 mile northeast on Rothwell, approximately 0.45 mile east on Nance, approximately 4.85 mile northeast on Southern Pacific Railroad, approximately 80 feet northeast of centerline of northeast lane of Interstate Route 610, approximately 60.5 feet northwest of northwest rail, approximately 21.5 feet southeast of Liberty Road centerline, and approximately 3.5 feet below track level.
RM 657	245	43.83	USC&GS disk set in top end of west concrete headwall of pipe culvert under abandoned paved road, approximately 6.65 miles northeast along Southern Pacific Railroad from station, approximately 101.3 feet northwest of northwest rail, approximately 162 feet northeast of junction of Liberty Road, approximately 18 feet southwest of abandoned road, approximately 264 feet northeast of northeast one of three metal power line towers with lines crossing tracks, approximately 0.7 foot north of south end of west headwall, approximately 2 feet below level of rail.
RM 658	245	43.92	Chiseled square on northwest corner of cement footing for traffic light pole on island in Mesa Road, approximately 1.5 miles south on Mesa Road from its intersection with Ley Road, approximately 50.1 feet south of fire hydrant, and approximately 100 feet west of traffic light support pole.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 659	245	40.87	Chiseled X set in concrete culvert headwall under driveway, approximately 0.9 mile northeast on north McCarty from its intersection with Mesa Road, to storage building No. 10550, approximately 43.4 feet northeast of northwest corner of chain-link gate, approximately 282 feet west of west end of chain-link fence.
RM 660	245	38.67	Chiseled X in headwall of driveway to school, approximately 1.5 miles northeast from intersection of Mesa Road and McCarty, to Southern Bible College, approximately 18.1 feet north of end of chain-link fence next to brick post, approximately 27.9 feet northeast of power pole.
RM 661	245	35.13	USC&GS disk approximately 1.5 feet northwest of metal witness post, set in top of concrete post, approximately 7.25 miles southwest on US Route 90 from its intersection with Sheldon Road, approximately 0.4 mile northeast of northwest entrance to Southern Bible College, approximately 56 feet northwest of centerline of US Route 90, approximately 95 feet northeast of centerline of road leading to Davis Transport Company.
RM 662	245	38.88	USC&GS disk set in top of south end of east concrete headwall of culvert under private paved road leading to Houston Power and Light Company plant, approximately 6.25 miles southwest from the intersection of US Route 90 and Sheldon Road, to station site approximately 51 feet south of centerline of US Route 90, approximately 23 feet northeast of centerline of paved road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 663	245	38.06	National Geodetic Survey disk approximately 1.4 feet southwest of metal witness post, set in top of steel rod, approximately 121 feet northwest of centerline of US Route 90 at its intersection with CE King Parkway, approximately 77.7 feet southwest of centerline of CE King Parkway, approximately 3.8 feet southeast of telephone pole.
RM 665	245	32.44	Bronze disk, approximately 1.15 miles west along Market Street Road from Market Street Baptist Church, approximately 1.45 miles north along Maxey Road, approximately 345 feet south of private driveway, approximately 2.5 feet northwest of T fence on west side of road.
RM 666	245	33.94	Railroad spike in power pole at entrance to house No. 12527 on Church Road.
RM 667	245	25.45	Chiseled X at west end of concrete culvert at southwest corner of Cool Green Avenue and High Ridge Street.
RM 668	250	40.79	Chiseled square on concrete abutment on east side of Sheldon Road, at intersection of Hughes Club Road and Sheldon Road, approximately 33 feet north of centerline of Hughes Club Road, approximately 21 feet east of centerline of Sheldon Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 669	250	40.81	Chiseled square approximately 27 feet north of centerline of golf course road, approximately 2.2 miles south on Sheldon Road from US Route 90, to Hughes Club Road, east down entrance for approximately 0.62 mile to entrance to parking lot, approximately 6.5 feet west of centerline of first entrance to parking lot.
RM 670	250	28.03	Brass cap set in concrete post projecting approximately 2 inches above ground, approximately 75 feet north of centerline of road, approximately 1.6 miles west on Market Street from Post Office in Channelview, approximately 6 feet northwest of large cedar tree, approximately 8 feet east of centerline of private road.
RM 671	250	26.12	Disk set in top of west corner of west concrete foundation of tower No. 55, approximately 0.15 mile west on Market Street from Post Office at Channelview, to row of metal power line towers with line crossing Market Street, approximately 90 feet northwest of centerline of street.
RM 672	250	38.49	Chiseled square in concrete headwall, at southeast corner of intersection of Sheldon Road and Wallisville Road, approximately 13 feet south of centerline of Wallisville Road, approximately 100 feet east of centerline of Sheldon Road.
RM 673	250	38.43	Railroad spike projecting from power pole, approximately 0.15 mile east on Wallisville Road from its intersection with Sheldon Road, approximately 24 feet north of centerline of Wallisville Road, approximately 183 feet northeast of entrance to ARCO Pipeline Company.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 674	250	34.50	Chiseled square approximately 12 feet west of centerline of Sheldon Road approximately 4.5 inches south of end of concrete curbing, approximately 4.3 miles south on Sheldon Road from its intersection with State Route 90.
RM 675	250	33.60	Railroad spike projecting from power pole, approximately 4.7 miles south on Sheldon Road from its intersection with State Route 90, to Bear Bayou Drive, east on Bear Bayou Drive approximately 0.2 mile, approximately 24 feet north of centerline of Bear Bayou Drive, approximately 125 feet northeast of water tank.
RM 676	250	37.81	Chiseled square in concrete street light base, approximately 1 mile east on Wallisville Road from its intersection with Sheldon Road, to entrance of Baroid Plant, approximately 33 feet south of centerline of Wallisville Road and approximately 36 feet east of centerline of entrance to Baroid Plant.
RM 677	250	9.30	Railroad spike projecting from power pole, approximately 2.3 miles east on Wallisville Road from its intersection with Sheldon Road, to entrance to American Plant Food Corporation, approximately 30 feet north of centerline of Wallisville Road, and approximately 16 feet west of center of gate to plant.
RM 678	250	27.64	Chiseled square in concrete base to track, approximately 0.7 mile northeast along Interstate Route 10 from the exit for Cedar Lane, to River Road, approximately 0.7 mile northeast to Union Pacific Railroad tracks, approximately 180 feet southwest of metal train trestle, and approximately 6 feet southeast of centerline of railroad tracks.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 679	250	32.78	Railroad spike in telephone pole, approximately 0.7 mile northeast along Interstate Route 10 from exit for Cedar Lane, to River Road, approximately 0.7 mile north, approximately 18 feet southeast of centerline of River Road, approximately 51 feet northeast of house No. 17102.
RM 680	250	27.74	Chiseled square in drain pipe under Shields Road, approximately 0.7 mile northeast along Interstate Route 10 from exit for Cedar Lane, to River Road, approximately 0.5 mile north, approximately 111 feet northwest of centerline of River Road, approximately 36 feet southwest of centerline of Shields Road.
RM 681	250	29.64	Railroad spike approximately 25 feet north of Scales centerline, approximately 4.7 miles south on Sheldon Road from its intersection with US Route 90, to Bear Bayou Drive, east approximately 0.7 mile to Pecan Road, south approximately 0.4 mile to Scales, approximately 300 feet east, and approximately 35 feet southwest of house No. 1003.
RM 682	250	22.93	Chiseled square in concrete walk of bridge, approximately 1 mile west on Oak Lane from its intersection with Bayou Drive, to bridge, approximately 12 feet south of centerline of Oak Lane, and approximately 7 feet east of west end of bridge.
RM 683	250	29.59	Railroad spike approximately 30 feet southwest of centerline of Forest Trail, approximately 42 feet northeast of house No. 16802, at intersection of Forest Trail and Riverdale Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 684	250	21.25	Disk set in top of northwest side of concrete foundation supporting west steel pipe fence corner of ball park, approximately 0.8 mile east on Market Street from Post Office at Channelview, approximately 252 feet east of east corner of bridge, at west corner of ball park at River Terrace Park, approximately 180 feet southeast of centerline of Market Street, approximately 34 feet northeast of centerline of road.
RM 685	255	3.74	Railroad spike projecting from power pole, approximately 2.9 miles east from intersection of Sheldon Road and Wallisville Road, approximately 24 feet north of centerline of Wallisville Road, and approximately 33.5 feet west of centerline of road heading south.
RM 686	255	39.46	Disk set in concrete culvert approximately 31 feet west of centerline of Crosby-Lynchburg Road, at intersection of Crosby-Lynchburg Road and Canal Road, approximately 84.5 feet north of centerline of Canal Road, and approximately 36.9 feet south-southeast of sign post.
RM 687	255	32.49	Railroad spike in power pole in southwest corner of intersection, at intersection of San Jacinto Road and 11th Street, approximately 21 feet south of centerline of San Jacinto Road, and approximately 20 feet west of centerline of 11th Street.
RM 688	255	15.35	Chiseled square on southeast end of trestle, from intersection of Crosby-Lynchburg Road and San Jacinto Road, west on San Jacinto Road to dead end, approximately 69 feet north to Union Pacific Railroad tracks, west on railroad tracks approximately 0.8 mile, approximately 6 feet southeast of center of railroad tracks.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 689	255	7.00	Chiseled square in concrete slab with 3 gasoline ports, approximately 0.3 mile north on Monmouth Drive from its intersection with Interstate Route 10, to Meadow Brook Drive, west on Meadow Brook Drive approximately 0.1 mile to Park Drive, north on Park Drive approximately 0.2 mile, approximately 36 feet northeast of grounded boat, and approximately 102 feet west of boat storage complex.
RM 690	255	5.40	Railroad spike projecting from power pole approximately 36 feet west of centerline of Monmouth Drive, at northwest corner of entrance ramp of Interstate Route 10 from Monmouth Drive, approximately 39 feet north of centerline of entrance ramp.
RM 691	255	22.48	Disk approximately 58 feet east of centerline of Monmouth Drive, at intersection of Interstate Route 10, Market Street, and Monmouth Drive, approximately 15 feet south of centerline of south lane of Interstate Route 10, set in top of south end of east concrete abutment of overpass.
RM 692	255	3.25	Bolt in concrete, flush with ground, approximately 0.3 mile east on access road from exit of Monmouth Drive from Interstate Route 10, approximately 21 feet south of centerline of access road, approximately 100 feet north of centerline of westbound lane of Interstate Route 10.
RM 693	255	28.00	Chiseled square at bridge floor of Interstate Route 10 bridge (westbound) over the San Jacinto River at west bank of river, at east-west dirt road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 694	255	25.73	Chiseled square approximately 8 inches south of concrete rail wall, at east end of westbound bridge of Interstate Route 10 over the San Jacinto River, on bridge floor near north guardrail, approximately 2.5 feet southwest of east end of rail wall.
RM 695	255	36.02	Chiseled square on south end of west bridge abutment, approximately 1.1 miles south on Crosby-Lynchburg Road from Highlands Post Office, to bridge over Lynchburg Reservoir Canal, approximately 0.1 mile north of north end of Interstate Route 10 underpass, approximately 16.6 feet west of centerline of southbound lane of Crosby-Lynchburg Road, and approximately 28.5 feet east of gatepost to canal access road.
RM 696	255	39.00	Railroad spike in power pole, at intersection of Canal Road and Holly Drive, in southwest corner of intersection, approximately 27 feet south of centerline of Canal Road, approximately 92 feet west of centerline of Holly Drive.
RM 697	255	39.94	Railroad spike in power pole, at northwest corner of intersection of Holly Drive and East Houston Road, approximately 24 feet west of centerline of Holly Drive, and approximately 30 feet north of centerline of East Houston Road.
RM 698	255	38.36	Railroad spike in power pole approximately 27 feet south of centerline of Wallisville Road, at southeast corner of intersection of Wallisville Road and Prairie Avenue, approximately 21 feet east of centerline of Prairie Avenue.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 699	255	33.28	Disk set in concrete culvert, near intersection of Crosby-Lynchburg Road and Avenue C, approximately 16.8 feet south of power pole No. 176-200, approximately 3.1 feet east of east edge of northbound edge of northbound lane of Crosby-Lynchburg Road, approximately 106 feet north of extended centerline of Avenue C.
RM 700	255	35.29	Railroad spike projecting from pole, approximately 0.52 mile east on Wallisville Road from its intersection with Crosby-Lynchburg Road, to Prairie Avenue, approximately 0.4 mile south on Prairie Avenue, approximately 21 feet east of centerline of Prairie Avenue, approximately 60 feet northwest of centerline of driveway at No. 107 Prairie Avenue.
RM 701	255	33.71	Railroad spike in power pole, at intersection of Jones Road and Mizell Road, approximately 27 feet north of centerline of Jones Road, and approximately 72 feet west of centerline of driveway of No. 702 Jones Road.
RM 702	255	30.73	Railroad spike in power pole approximately 14 inches above ground, approximately 0.1 mile east on Jones Road from its intersection with Crosby-Lynchburg Road, into Highlands, approximately 32 feet north of centerline of Jones Road and approximately 9 feet west of gas meter.
RM 703	255	31.98	Disk set in top of southern end of west concrete headwall of box culvert, approximately 174 feet north of centerline of Faith Lane, at intersection of Crosby-Lynchburg Road and Faith Lane, approximately 88 feet northeast of corner of brick house, approximately 21 feet west of centerline of Crosby-Lynchburg Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 704	255	25.49	1-inch gage approximately 11 inches above ground on concrete abutment, approximately 0.8 mile southwest on Interstate Route 10 access road around rest area from Thompson Road, approximately 30 feet north of centerline of Interstate Route 10, approximately 138 feet northeast of metal lamp post on Interstate Route 10 ramp.
RM 705	255	12.28	Disk approximately 23.5 feet south of centerline of Decker Drive, approximately 0.9 mile east on Decker Drive from its intersection with Crosby-Lynchburg Road, approximately 1.5 feet southeast of southeast corner of pillar of guardrail, set in top of south end of east concrete abutment of Decker Drive bridge over Spring Gully.
RM 706	255	29.84	Railroad spike approximately 30 feet east of centerline of Crosby-Lynchburg Road, at intersection of Crosby-Lynchburg Road and Lakeview Drive, in southeast corner of intersection, approximately 21 feet south of centerline of Lakeview Drive.
RM 707	255	7.61	Chiseled square in concrete, approximately 0.9 mile south on Crosby-Lynchburg Road from Interstate Route 10 and San Jacinto Park exit, approximately 9 feet west of centerline of Crosby-Lynchburg Road, and approximately 171 feet northwest of waterline of Burnett Bay.
RM 708	255	39.20	Railroad spike projecting from telephone pole, approximately 1.2 miles east on Wallisville Road from its intersection with Crosby-Lynchburg Road, approximately 27 feet south of centerline of Wallisville Road, approximately 66 feet east of centerline of driveway to No. 1417 Wallisville Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 709	255	30.28	Chiseled square on concrete curb approximately 12 feet south of centerline at access road approximately 69 feet north of edge of centerline of Interstate Route 10 westbound lane, approximately 0.1 mile northeast along access road from Interstate Route 10 exit for Thompson Road.
RM 710	255	29.02	Disk approximately 5 feet southwest of telephone pole, approximately 38 feet south on West Lynchburg-Cedar Bayou Road from its intersection with Thompson Road, approximately 1 foot northeast of metal witness post, set in top of steel rod.
RM 711	255	30.65	Disk set in east face of Saint Paul's Methodist Church, approximately 0.5 mile south on Bayway Drive from its intersection with West Lynchburg-Cedar Bayou Road, approximately 233 feet west of centerline of Bayway Drive, and approximately 3.5 feet north of southeast corner of building.
RM 713	255	33.82	Chiseled X on concrete culvert approximately 18 feet east of centerline of Wade Road, at intersection of Wallisville Road and Wade Road, in northeast corner of intersection, approximately 30 feet north of centerline of Wallisville Road.
RM 714	255	36.70	Chiseled X on northwest corner of Lynchburg Reservoir Canal bridge, north on Wade Road from its intersection with Interstate Route 10, approximately 18 feet west of centerline of Wade Road, and approximately 60 feet north of centerline of canal.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 715	255	27.97	Chiseled square on concrete headwall, west on Interstate Route 10 from bridge over Goose Creek, to Wade Road exit, along exit ramp approximately 0.4 mile to Wade Road, approximately 200 feet north of Interstate Route 10, approximately 22 feet west of centerline of Wade Road, approximately 35 feet east of railroad tracks.
RM 716	255	26.00	Chiseled square set in concrete culvert approximately 20 feet east of centerline of Wade Road, at intersection of Wade Road and Morales Street, in northeast corner of intersection, approximately 8 feet northwest of power pole.
RM 717	255	28.65	Chiseled square set in headwall, at intersection of West Lynchburg-Cedar Bayou Road and Wade Road, at northeast corner of intersection, approximately 32 feet north of centerline of West Lynchburg-Cedar Bayou Road, and approximately 13 feet east of centerline of Wade Road.
RM 718	255	26.41	Chiseled square set in curb, at intersection of Wade Road and Decker Drive, on island in middle of Decker Drive, approximately 12 feet southeast of railroad crossing signal pole, and approximately 13 feet west of centerline of Wade Road.
RM 719	255	41.36	Chiseled X approximately 7 inches above ground level on south end of bridge, approximately 0.4 mile north on Haney Road from its intersection with Wallisville Road.
RM 720	255	34.38	Chiseled X on north end of 32-inch concrete culvert, approximately 0.9 mile north on John Martin Road from its intersection with Interstate Route 10.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 721	255	28.07	Chiseled X on concrete headwall on northeast corner at intersection of John Martin Road and access road from Interstate Route 10 (westbound).
RM 722	255	22.76	Chiseled square on south end of westernmost concrete culvert under farm access road, approximately 0.5 mile south on John Martin Road from its intersection with Interstate Route 10.
RM 723	255	27.16	Chiseled square on top of concrete culvert, approximately 1.2 miles south on John Martin Road from its intersection with Interstate Route 10.
RM 724	255	34.47	Chiseled square in concrete beside sewer cap on east side of Garth Road beneath Interstate Route 10 overpass.
RM 725	255	41.40	Railroad spike in power pole, approximately 0.5 mile east on Fig Orchard Road from its intersection with FM 2100, approximately 33 feet south of centerline of Fig Orchard Road, and approximately 144 feet north of centerline of Piping Rock Road (parallel to Fig Orchard Road at that point).
RM 726	255	38.84	Railroad spike projecting from power pole approximately 36 feet south of centerline of Fig Orchard Road, at intersection of Fig Orchard Road and Wade Road, at southeast corner of intersection.
RM 727	255	40.60	Chiseled X on concrete culvert approximately 33 feet south of centerline of Fig Orchard Road, at intersection of Fig Orchard Road and Meredith Drive, at southeast corner of intersection, approximately 15 feet east of centerline of Meredith Drive.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 728	255	42.57	Railroad spike flush with ground level on centerline of Haney Road, approximately 0.8 mile north on Haney Road from its intersection with Wallisville Road.
RM 729	260	26.86	Railroad spike flush with Southern Pacific Railroad trestle, approximately 0.3 mile east on Frontage Road from its intersection with Interstate Route 10, north approximately 0.4 mile on dirt road, approximately 129 feet east, approximately 10 feet east of centerline of Southern Pacific Railroad tracks, and approximately 33 feet northeast of railroad switch pole.
RM 730	260	31.87	Chiseled square on concrete culvert approximately 33 inches high, at southeast corner of intersection of Garth Road and Hunt Lane.
RM 731	260	32.63	Chiseled square on concrete culvert approximately 55 inches high, at southeast corner of intersection of Garth Road and West Archer Road.
RM 732	260	26.69	3.5-inch brass USC&GS disk on concrete headwall, at northwest corner of intersection of Garth Road and Lynchburg-Cedar Bayou Boulevard.
RM 733	260	35.69	Brass USC&GS disk on concrete headwall of culvert on west side of Crosby-Cedar Bayou Road, approximately 0.5 mile south on Crosby-Cedar Bayou Road from its intersection with Wallisville Road.
RM 734	260	30.29	Chiseled square on southeast corner of concrete drain culvert under Sjolander Road, approximately 0.4 mile north on Sjolander Road from its intersection with Interstate Route 10.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 735	260	27.85	1.5-inch chiseled square on top of curb approximately 6 inches above ground level on southwest side of Sjolander Road, at intersection of Interstate Route 10 and Sjolander Road.
RM 736	260	28.38	Railroad spike in power pole, approximately 0.4 mile south on Sjolander Road from its intersection with Interstate Route 10, approximately 30 feet west of centerline of Sjolander Road, and approximately 33 feet south of centerline of driveway.
RM 737	260	27.52	Railroad spike in power pole, approximately 0.3 mile east on Frontage Road from its intersection with Interstate Route 10, to dirt road and parking lot, from south end of parking lot, approximately 215 feet east, approximately 51 feet east of centerline of Southern Pacific Railroad tracks, and approximately 48 feet north of centerline of Frontage Road.
RM 738	260	26.46	Chiseled square on concrete drain pipe on north side of Needlepoint Road, approximately 1.1 miles east on Needlepoint Road from its intersection with Sjolander Road.
RM 739	260	32.00	3-inch USC&GS disk in concrete headwall on east side of Barkalow Road, approximately 225 feet along Barkalow Road from its intersection with Crosby-Cedar Bayou Road.
RM 740	260	31.63	Brass USC&GS disk in ground, at southwest corner of intersection of Crosby-Cedar Bayou Road and East Archer Road.
RM 741	260	27.49	Chiseled square on concrete drain pipe at southwest corner of intersection of East Archer Road and Sjolander Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 742	260	27.79	Southern Pacific Railroad spike projecting approximately 2.5 inches from power pole on south side of East Archer Road, approximately 1,600 feet on East Archer Road from its intersection with Sjolander Road.
RM 743	260	19.62	Chiseled square in concrete drain in northeast corner of intersection, at intersection of Bayou Boulevard and Fox Street, approximately 18 feet east of centerline of Bayou Boulevard, approximately 50 feet north of centerline of Fox Drive.
RM 744	260	14.77	Chiseled square in concrete drain pipe, at T-intersection of Roberts Boulevard and Bayou Boulevard, approximately 15 feet east of centerline of Bayou Boulevard, and approximately 46 feet south of extended centerline of Roberts Boulevard.
RM 745	260	19.65	Chiseled square in concrete drain pipe, at intersection of East Lynchburg-Cedar Bayou Road and Racoon Drive, approximately 27 feet north of centerline of East Lynchburg-Cedar Bayou Road, and approximately 10 feet east of centerline of driveway of address No. 3103.
RM 746	260	27.56	Railroad spike projecting approximately 3 inches from power pole on east side of Crosby-Cedar Bayou Road, approximately 0.5 mile north on Crosby-Cedar Bayou Road from its intersection with Massey-Tomkins Road.
RM 747	260	26.38	3-inch brass USC&GS disk in concrete headwall projecting approximately 1.5 inches above ground level on west side of Crosby-Cedar Bayou Road, approximately 330 feet north on Crosby-Cedar Bayou Road from its intersection with Harden Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 748	260	14.34	3.5-inch brass HCFCD disk set in concrete on west side of bridge, approximately 0.75 mile south on Racoon Drive from its intersection with East Lynchburg-Cedar Bayou Road, to bridge over Cary Bayou.
RM 749	265	97.70	60d nail with COE cap on upstream face of timber bridge over drainage ditch approximately 1.3 miles upstream from confluence with Buffalo Bayou at Buffalo Bayou stream mile 52.6.
RM 750	265	93.28	60d nail with COE cap on top of middle low beam on upstream face of timber bridge over Buffalo Bayou at stream mile 55.5.
RM 751	265	89.94	Railroad spike at base of oak tree on right bank of drainage ditch (downstream) at confluence with Buffalo Bayou at Buffalo Bayou stream mile 52.6.
RM 752	265	107.94	Bronze disk approximately 12 feet north of centerline of dam, approximately 4.35 miles west along Westheimer Road from railway station in Clodine, to crossroads, north through wooden gate approximately 0.19 mile to top of Barker Dam, east through white gate, approximately 0.8 mile to station site.
RM 753	265	108.72	Bronze disk approximately 17 feet north of centerline of dam, approximately 0.2 mile north along Barker-Clodine Road from railway station in Clodine, to top of Barker Dam, west approximately 1.35 miles along top of dam.
RM 754	270	107.88	COE disk approximately 9 feet northwest of dam centerline, approximately 3.45 miles south from intersection of US Route 90 and State Route 6, to intersection with Westheimer Road, west on Westheimer Road to Barker Dam, and approximately 1.6 miles southwest on dam.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 755	270	107.32	Brass COE disk set in concrete monument, approximately 3.45 miles south from intersection of US Route 90 and State Route 6 to intersection with Westheimer Road, west on Westheimer Road to Barker Dam, approximately 0.6 mile southwest on Barker Dam to station site approximately 11 feet west of dam centerline.
RM 756	270	108.25	Bronze disk set in concrete monument, approximately 2.05 miles south on road from intersection of US Route 90 and State Route 6 to T-intersection with graded road leading west (close to Briar Forest Drive to east), west on graded road to Barker Dam, approximately 477 feet south on dam to station site approximately 15 feet west of dam centerline.
RM 757	270	89.66	Brass USC&GS disk set flush on top, approximately 2.8 miles south on State Route 6 from its intersection with Interstate Route 10 to station site approximately 22.5 feet east of State Route 6 centerline, approximately 0.7 foot north of south end of east concrete headwall of 24-inch pipe culvert.
RM 758	270	88.41	Brass USC&GS disk set flush on top, at intersection of State Route 6 and FM 1093 (Westheimer Road), approximately 32.5 feet east of State Route 6 centerline, approximately 40.5 feet north of FM 1093 centerline, approximately 4.8 feet north of south end of east concrete headwall of double 36-inch pipe culverts.
RM 759	270	87.79	Brass USC&GS disk in top of east concrete headwall of double pipe culverts, approximately 0.85 mile south on State Route 6 from its intersection with FM 1093 (Westheimer Road), to crossing of power line to station site approximately 25.6 feet east of State Route 6 centerline, approximately 6 feet north of south end of headwall.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 760	270	87.38	Brass USC&GS disk in top and approximately 1.9 feet south of north end of west concrete guardrail of concrete bridge over Brays Bayou, approximately 0.25 mile south from intersection of State Route 6 and Schiller Road, to station site approximately 17.5 feet west of State Route 6 centerline.
RM 761	270	86.95	Brass USC&GS disk in top and 2.3 feet south of north end of east concrete curb of abandoned bridge under former highway, approximately 0.1 mile north on State Route 6 from its intersection with Alief-Clodine Road, approximately 103 feet east of State Route 6 centerline.
RM 762	270	82.93	Brass USC&GS disk in top and approximately 1 foot north of south end of west concrete headwall of double 36-inch pipe culverts, approximately 0.3 mile south on State Route 6 from its intersection with Alief-Clodine Road, approximately 27 feet west of State Route 6 centerline.
RM 763	270	83.30	HCFCD brass cap set in east side of Synott Road bridge over Brays Bayou.
RM 764	275	69.55	Brass disk set in concrete monument, approximately 0.3 mile south on road from Fondren Road bridge over Buffalo Bayou to station site approximately 30 feet south from road centerline.
RM 765	275	78.94	Top of northwest bolt at base of metal signal post, at southwest corner of intersection of Kirkwood Road and Bellaire Boulevard.
RM 766	275	76.83	Chiseled X on east side of Belle Park bridge over Brays Bayou.
RM 767	275	74.40	Bolt in concrete on east side of southbound lane of Bellaire Boulevard bridge over Brays Bayou.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 768	275	72.32	Chiseled X in curb approximately 3 feet southeast of stop sign, in line with sidewalk, at northwest corner of intersection of Ranchester Drive and Bellaire Boulevard.
RM 769	275	74.32	Chiseled X on curb on east side of Ranchester Drive, approximately 100 feet north of intersection of Ranchester Drive and Harwin Drive.
RM 770	275	78.10	Top of fire hydrant on north side of Harwin Drive, at T-intersection of Harwin Drive and Velure.
RM 771	275	81.14	Brass cap over centerline of Brays Bayou on downstream side of Old Westheimer Road bridge.
RM 773	280	64.11	Brass disk in top, approximately 1 foot east of west end of north concrete headwall of large double concrete box culvert over Bering Ditch, approximately 12.9 feet north of north curb of road, at northwest corner of junction of Westheimer Road and Briargrove.
RM 774	280	65.25	Railroad spike in power pole, at southeast corner of intersection of Woodway Drive and Nantucket.
RM 775	280	66.23	Railroad spike in power pole, at northwest corner of intersection of Woodway Drive and Chimney Rock Road.
RM 776	280	53.75	Top of bolt on northeast leg of eighth tower south of Memorial Drive (tower located on east side of Southern Pacific Railroad tracks).
RM 777	280	60.20	Top of bolt on southwest leg of third tower south of Memorial Drive (tower located on east side of Southern Pacific Railroad tracks).

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 778	280	61.13	Top bolt of fire hydrant, at southeast corner of intersection of Crestwood and Blossom.
RM 779	280	59.83	Top bolt of fire hydrant, at southwest corner of intersection of Blossom and Detering.
RM 780	280	41.80	Northwest bolt on light standard No. 10816, at intersection of Allen Parkway and Shepherd Drive, west of Shepherd Drive.
RM 781	280	40.78	Northwest bolt on light standard, on centerline of Memorial Drive, at intersection of Memorial Drive and Shepherd Drive.
RM 782	280	47.44	Flange bolt on fire hydrant, in median of South Braeswood Boulevard at intersection with Wyndale Street.
RM 783	280	44.06	Top of flange bolt on northeast side of fire hydrant, at southeast corner of intersection of Holcombe Boulevard and South Braeswood Boulevard.
RM 784	280	55.157	Standard USC&GS disk, stamped X-1182, set in 4-inch iron pipe at northwest corner of intersection of Bellaire Boulevard with West Frontage Road of West Loop Interstate Route 610.
RM 785	285	55.08	North bolt on light standard, at southwest corner of intersection of Washington Street and Studemont Street.
RM 786	285	54.03	Top bolt of fire hydrant, at southeast corner of intersection of White and Decatur.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 787	285	51.67	Disk set approximately 4 feet above level of sidewalk, approximately 1.5 blocks southwest along Crawford Street from Union Station at Houston, approximately 7 blocks northwest on Capital Street, approximately 1 block northeast on Travis Street to intersection with Texas Avenue, at west corner of Rice Hotel, set vertically in southwest marble face of building, approximately 2.2 feet southeast of west corner.
RM 788	285	52.33	USC&GS disk set vertically in northwest face of Post Office building, approximately 1.5 blocks southwest on Crawford Street from Union Station, to station site 4 blocks northwest on Capital Street at intersection of Capital Street and San Jacinto Street, approximately 30 feet northeast of centerline of northwest entrance, approximately 2.5 feet southwest of north corner, approximately 3 feet above ground level.
RM 789	285	48.72	USC&GS disk set vertically in southeast face of Harris County Civil Courts building, at intersection of Congress Street and San Jacinto Street, approximately 2 feet southwest of east corner, approximately 2 feet above steel grate and concrete apron around building.
RM 790	285	31.97	Chiseled square on northwest corner of railroad bridge, approximately 0.1 mile northwest on Collins Place from its intersection with Main Street, to railroad bridge over White Oak Bayou.
RM 791	285	49.78	USC&GS disk set vertically in northwest face of northeasternmost stone pillar, at intersection of Texas Avenue and Crawford Street, at Crawford Street entrance to Union Station, approximately 20 feet northwest of northwest station wall, approximately 4.7 feet above ground.

EXHIBIT 3 - ELEVATION REFERENCE MARKS -- continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 792	285	50.19	USC&GS disk set in top of northeast corner of 3 X 3-foot concrete pillar at southeast corner of bridge, approximately 0.3 mile north on San Jacinto Street from new Harris County Courthouse, to Pedin Iron Company building, approximately 0.3 mile southeast on Southern Pacific Railroad, approximately 0.1 mile north on McKee to station site approximately 22 feet east of centerline of street, and approximately 7 feet above level of sidewalk.
RM 793	285	43.30	USC&GS disk set vertically in northeast wall of large brick building, approximately 1.1 mile northeast along Southern Pacific Railroad from station in Girard, approximately 32 feet southeast of Nance Street centerline, approximately 16.6 feet southwest of southwest rail of southwest track, approximately 5.4 feet south of south corner of concrete foundation of south railroad crossing signal light, approximately 2.2 feet southeast of north corner of northeast face of building, approximately 3.4 feet above ground.
RM 794	285	48.34	USC&GS brass disk set vertically in northeast face of concrete foundation of brick building, approximately 2 feet southeast of north corner, at Houston Belt and Terminal Railroad crossing of Live Oak Street, approximately 30 feet southwest of southwest rail of main track, approximately 42 feet southeast of Live Oak Street centerline.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 795	285	41.84	USC&GS disk set in top of concrete post flush with ground, approximately 2.5 miles west on Navigation Boulevard from Reed Roller Bit Company building, approximately 0.2 mile west on Runnels Street at railroad crossing, approximately 29.5 feet west of southwest corner of Myers-Spalti Furniture building, approximately 29 feet north of centerline of street, approximately 21 feet east of east rail, approximately 2 feet northwest of vertical rail, approximately 1.5 feet west of southwest corner of wire mesh fence, approximately 2 feet above level of track.
RM 796	285	38.83	USC&GS disk set in top of concrete post flush with ground, approximately 2.5 miles west on Navigation Boulevard from Reed Roller Bit Company building, at intersection with Jensen Drive at northwest edge of island in center of boulevard, to station site approximately 22 feet southwest of centerline of northeast traffic lane, approximately 37 feet southwest of centerline of Jensen Drive, approximately 5 feet south of circular curb, approximately 1.5 feet southeast of fire hydrant.
RM 797	285	47.31	USC&GS brass disk set vertically in southwest brick wall of warehouse, at crossing of Houston Belt and Terminal Railroad and Sampson Street, approximately 34.5 feet northeast of northeast rail of main track, and approximately 43.5 feet northwest of Sampson Street centerline.
RM 798	285	43.76	USC&GS brass disk set in top of southwest corner of abandoned signal foundation, at Houston Belt and Terminal Railroad crossing of Leeland Street, approximately 12 feet east of east rail and approximately 2 feet north of Leeland Street north curb.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 799	285	44.86	USC&GS brass disk set vertically in northeast face of northwesternmost concrete pier, at intersection of Houston Belt and Terminal Railroad and Gulf Freeway overpass.
RM 800	285	40.98	USC&GS disk in top of concrete post approximately 5 inches below level of lawn, approximately 1.95 miles west on Navigation Boulevard from Reed Roller Bit Company building, at intersection of Engleke from west end of island in center of Navigation Boulevard, approximately 820 feet northeast of Engleke centerline, approximately 22 feet south-southeast of Union Wire Rope Corporation building front entrance, approximately 18.5 feet southeast of southeast rail of spur railroad track, to station site approximately 1.5 feet southeast of concrete curb.
RM 801	285	42.49	Brass disk set in top of concrete base of railroad crossing signal light, at intersection of Galveston, Houston and Henderson Railroad and Eastwood.
RM 802	285	38.31	USC&GS disk set in top of west side of concrete walkway at east side of bridge, approximately 1 mile west on Navigation Boulevard from Reed Roller Bit Company building, approximately 0.4 mile north on Lockwood Drive to station site at south end of steel bridge over Buffalo Bayou, approximately 21 feet east of street centerline, and approximately 1 foot south of south end of east steel truss of bridge.
RM 803	285	37.51	USC&GS brass disk set in top of southeast corner of southwest concrete footing of power line tower, at crossing of Houston Belt and Terminal Railroad and Navigation Boulevard, approximately 300 feet east of Reed Tool Company building, approximately 56 feet west of west rail.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 804	285	34.75	USC&GS brass disk set in top of west edge of concrete catch basin, at intersection of Avenue R and 69th Street, approximately 35 feet south of Avenue R centerline and approximately 22.5 feet west of 69th Street centerline.
RM 805	285	29.88	USC&GS disk set in top of west side of southwest concrete footing of northernmost of 2 water towers, approximately 0.7 mile west on paved road from Port Terminal Building at Houston Turning Basin, approximately 0.15 mile southeast of Gate 8 (Main guard gate to turning basin), approximately 126 feet east of east rail of Southern Pacific Railroad, approximately 76 feet east of chain link fence, approximately 1 foot above ground.
RM 806	285	19.96	USC&GS disk set vertically in east face of concrete pier of South Harbor Drive underpass, at intersection of Southern Pacific Railroad over Buffalo Bayou and South Harbor Drive, approximately 26 feet north of South Harbor Drive centerline, approximately 63 feet south of bridge south end.
RM 807	285	43.29	Flange bolt painted red on fire hydrant, at northeast corner of intersection of MacGregor Drive and Alemeda Road.
RM 808	285	42.11	USC&GS brass disk set in top of south end of east retaining wall, approximately 0.3 foot south of pipe railing, approximately 7.8 feet east of east rail, at Houston Belt and Terminal Railroad overpass over Old Spanish Trail.
RM 809	285	37.99	Chiseled circle in top of center of northeast concrete headwall of large culvert, marked by letters US, at southwest end of Linwood Street, approximately 8.4 feet northeast of northeast rail and approximately 2 feet southwest of cyclone fence enclosing Hughes Tool Company parking lot.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 810	285	33.22	USC&GS brass disk set in top and approximately 1.3 feet east of west end of north concrete headwall of large concrete box culvert, approximately 275 feet west along rail from crossing of Galveston, Houston and Henderson Railroad and South 70th Street, approximately 8.9 feet north of north rail.
RM 811	285	31.73	USC&GS brass disk in top and approximately 0.4 foot southwest of northeast end of south concrete wing wall of underpass, at Galveston, Houston and Henderson Railroad and 75th Street underpass.
RM 812	290	36.04	USC&GS disk set in top of concrete post flush with ground, approximately 0.25 mile northwest on paved road from new Port Terminal building on northeast side of Houston Ship Channel, approximately 0.25 mile southeast on Clinton Drive, approximately 0.6 mile north of McCarty, approximately 55 feet northeast of center of intersection of Flaxman, approximately 50.5 feet east of McCarty centerline, approximately 24 feet north of Flaxman centerline, approximately 65 feet southeast of southeast corner of Port Houston Elementary School, approximately 41.5 feet west of southwest corner of new school building, approximately 5.5 feet east of southwest corner of new school yard, approximately 1 foot south of wire mesh fence.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 813	290	37.29	USC&GS disk set in top of concrete retaining wall, approximately 0.25 mile northwest on paved road from new Port Terminal building on northeast side of Houston Ship Channel and turning basin, to station site approximately 24 feet southwest of centerline of road, approximately 135 feet northeast of and above wharf No. 11, approximately 18.5 feet north of point at which seawall slopes downward, approximately 1 foot northeast of southeast end of metal pipe railing, approximately 5 inches above road level.
RM 814	290	18.40	USC&GS copper bolt in top of center of northeast concrete headwall of large concrete box culvert, approximately 300 feet south along rail from intersection of Glendale and Glendora, to station site approximately 24.5 feet northeast of northeast rail.
RM 815	290	26.76	USC&GS disk on top of rod encased in concrete tile, approximately 1.35 miles southeast along paved road from new Port Terminal building on northeast side of Houston Turning Basin, approximately 0.95 mile southeast along northeast side of Houston Ship Channel, approximately 0.15 mile north of bank of channel, approximately 58.5 feet northwest of north end of small concrete headwall of pipe culvert, approximately 53 feet west of centerline of road.
RM 816	290	29.10	Chiseled square approximately 16 inches north of south end of curb, at Gate No. 1 of Arco Refinery Plant on Lawndale, approximately 21.5 feet west of Arco Gate driveway centerline, approximately 61 feet north of Lawndale centerline.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 817	290	28.29	Railroad spike in power pole No. 6713, marked with COE witness post sign, at intersection of Lucore and Allen Genoa Road, approximately 18 feet southwest of Allen Genoa Road centerline, approximately 6 feet southeast of corner of church parking lot.
RM 818	290	23.43	Railroad spike in power pole No. 166 marked with COE witness post sign, at intersection of Clinton Drive and Holland Street, approximately 29 feet west of Holland Street centerline.
RM 819	290	22.41	Railroad spike in power pole marked with COE witness post sign, approximately 0.7 mile west on Clinton Drive from Wasburn Tunnel, to station site approximately 47 feet north of Clinton Drive centerline and approximately 45 feet south of gas line terminal shack.
RM 820	290	4.95	Brass USC&GS disk set at west end of north headwall, at intersection of Federal Road and American Petroleum Road, approximately 14 feet north of American Petroleum Road centerline and approximately 75 feet southeast of southeast corner of gas station.
RM 821	290	11.23	Railroad spike in power pole No. 39, marked with COE witness post sign, approximately 1.8 miles north on Jackson from its intersection with State Route 225, to station site approximately 33 feet west of Jackson centerline before road curves west.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 822	290	29.76	USC&GS disk set in top of southwest corner of southwest concrete footing of tower No. 47, approximately 15 inches above ground, approximately 0.94 mile east on Market Street Road from Jacinto City Municipal building, at row of pylons with lines crossing over Market Street Road, approximately 67 feet north of Market Street Road centerline, to station site approximately 213 feet east of centerline of Siesta Lane.
RM 823	290	28.07	Disk set in top of east corner of southeast concrete footing of water tower, approximately 14 inches above ground, approximately 0.35 mile east from intersection of Federal Road and Market Street Road, to station site approximately 258 feet north of Market Street Road centerline, approximately 35 feet northeast of northeast corner of fire station.
RM 824	290	25.10	USC&GS disk in top of northwest end of southwest concrete abutment of bridge over Greens Bayou, approximately 0.5 mile east on Market Street Road from Market Street Baptist Church at Greens Bayou, to station site approximately 13 feet northwest of centerline of Market Street Road.
RM 825	290	28.230	Standard USC&GS disk along Port Terminal Railroad, approximately 38 feet southeast of center of Holland Street crossing, approximately 14.5 feet south of south rail, approximately 34.5 feet east of centerline of Holland Street, set in center of top of south concrete headwall of culvert, approximately level with track.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 826	290	26.158	Standard USC&GS disk located approximately 0.1 mile north along Main Street from McArthur School in Galena Park, approximately 1.25 miles east along Port Terminal Railroad, approximately 42 feet north of north rail of north track, approximately 77 feet east of power line crossing over track, set in top of east end of concrete headwall supporting 2 steel canal floodgates, approximately level with ground, approximately 3 feet below track level.
RM 827	290	26.132	Standard USC&GS disk along Federal Road, located approximately 195 feet northeast of center of Port Terminal Railroad crossing, approximately 116 feet east of centerline of east lane of Federal Road, approximately 76 feet north of north rail of main track, set in top of southeast corner of southeast concrete foundation of tower 13, projecting approximately 10 inches above ground.
RM 828	290	23.433	Railroad spike approximately 9 inches above ground, located on west side of power pole 179 at southeast corner of intersection of Holland Street and 9th Street.
RM 829	290	27.884	Standard National Geodetic Survey disk located approximately 27.5 feet north of northwest corner of Galena Park City Hall, approximately 75 feet south of centerline of Clinton Drive, approximately 50.7 feet east of east curb of Eastway Street, set in top and north side of concrete foundation of flag pole, approximately 2 inches above ground.
RM 830	290	18.432	Standard USC&GS disk at Houston Water Purification Plant, set vertically in south concrete wall of flocculation basin, located approximately 9.5 feet east of southwest corner, hidden by shrubbery, approximately 4 feet above ground.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 831	290	15.45	Brass USC&GS disk set in top of northwest end of northwest concrete abutment of Rickey Access Road bridge over Vince Bayou.
RM 832	290	23.31	Railroad spike in power pole No. 1244 marked with COE witness post sign, at southwest corner of intersection of Pasadena Freeway and Shaver Street, approximately 18 feet east of northeast corner of Pasadena High School parking lot.
RM 833	290	22.91	Railroad spike in power pole marked with COE witness post sign, at southwest corner of intersection of East Jackson Avenue and Shaver Street, approximately 22 feet south of East Jackson Avenue, approximately 10 feet northwest of traffic light post.
RM 834	290	27.74	Railroad spike in power pole marked with COE witness post sign, at northwest corner of intersection of North Witter Avenue and Red Bluff Road, approximately 29 feet west of North Witter centerline.
RM 835	290	26.96	Railroad spike in power pole marked with COE witness post sign, at northeast corner of intersection of Pasadena Freeway and Red Bluff Road, approximately 30 feet north of Pasadena Freeway centerline, approximately 20 feet west of Texaco sign.
RM 836	290	25.44	USC&GS brass disk set on top of southwest concrete footing of easternmost power line tower, at intersection of State Route 225 and Jackson Road, approximately 260 feet east on State Route 225 to station site approximately 57.8 feet north of highway westbound lane centerline.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 837	290	32.490	USC&GS disk set approximately 1 inch above ground and protected by 6-inch iron pipe, projecting approximately 4 inches, approximately 150 feet east of southeast intersection of Mercury Drive and Market Road.
RM 838	295	26.74	Texas Highway Department disk set in top of south concrete headwall of culvert under Market Street, approximately 5 feet west of east end of culvert, approximately 0.5 mile east from intersection of Freeport Street and Interstate Route 10, approximately 86 feet south of centerline of south lane of highway.
RM 839	295	12.99	Railroad spike in barbed wire fence post, approximately 0.8 mile west on Access Road to Intercontinental Bulk Systems Company from its intersection with Penn City Road, to station site approximately 50 feet north of Access Road centerline.
RM 841	295	24.89	Railroad spike in power pole No. 28112, approximately 1.5 miles north on South Road from its intersection with State Route 225, approximately 66 feet west of South Road centerline.
RM 842	295	25.71	Railroad spike in power pole, approximately 0.9 mile north on South Road from its intersection with State Route 225, approximately 47 feet west of South Road centerline and approximately 82 feet south of railroad.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 843	295	30.63	Chiseled square on northwest corner of concrete pad for railroad red light, at intersection of State Route 225 and Shell Access Road (south of Shell Oil Company complex), approximately 15 feet east of railroad.
RM 844	295	13.50	Disk set in rod pipe, approximately 12.2 feet southwest of metal gate pipe, at entrance to Shamrock Private Golf Course and intersection with Tidal Road, near Y-intersection at main entrance to Diamond Shamrock Chemicals, approximately 0.5 foot west of witness post, and approximately 81 feet northeast of northeast corner of L headwall.
RM 845	295	23.45	USC&GS disk set in top of east end of north concrete headwall of culvert over irrigation ditch, approximately 1.3 miles east on Market Street from Market Street Baptist Church, approximately 310 feet north of centerline of Market Street, approximately 83 feet west of centerline of west lane of Freeport Boulevard, approximately 162 feet northwest of middle northernmost concrete pillar of Freeport Boulevard underpass.
RM 847	295	20.30	Point approximately 1.6 miles west on Market Street from Post Office at Channelview, south of and across road from, large farmhouse, approximately 97 feet south of centerline of Market Street Road, approximately 71 feet southwest of power pole No. 15310.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 848	295	12.47	USC&GS disk set in top of southern headwall of concrete culvert, approximately 1.1 miles west on Market Street from Post Office at Channelview, approximately 25 feet south of centerline of Market Street.
RM 850	295	27.14	Railroad spike in power pole, approximately 0.4 mile north on South Street from its intersection with State Route 225, approximately 30 feet south of railroad.
RM 851	295	28.89	Railroad spike in power pole, approximately 0.1 mile west on State Route 225 from its intersection with Phillips Company Road, approximately 25 feet north of State Route 225 centerline.
RM 852	295	22.05	USC&GS disk set in top of east end of large culvert, approximately 1.3 miles west on State Route 225 from its intersection with Center Street, to station site approximately 119 feet south of State Route 225 centerline.
RM 854	295	23.35	Disk set in headwall, approximately 260 feet east of intersection of State Route 225 and Lubrizol Entrance Gate No. 6.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 855	295	10.45	Chiseled square on northwest corner of concrete base for pipe support, approximately 1.9 miles north on South Street from its intersection with State Route 225, to station site near gate to Ethyl Corporation Industrial District, approximately 14.5 feet east of driveway centerline.
RM 856	295	28.82	Railroad spike in power pole, at intersection of State Route 225 and Ethyl Road, approximately 51 feet northeast of intersection of highway and road centerline.
RM 857	295	28.18	USC&GS brass disk set in concrete monument, approximately 0.7 mile east on State Route 225 from its intersection with South Street, approximately 44.6 feet south of highway centerline.
RM 858	295	29.51	Railroad spike in power pole, at north side of intersection of State Route 225 and Beltway, approximately 64 feet north of State Route 225 centerline, approximately 24 feet west of power terminal box.
RM 859	295	30.84	Railroad spike in power pole 53A50T, at intersection of Washington Street and South Street, and approximately 40 feet north of Washington Street centerline.
RM 860	295	32.14	Chiseled square on top of culvert headwall, at intersection of Beltway 8 and Parkwood Drive on median strip, approximately 57 feet north of Parkwood Drive centerline, approximately 13 inches from south end.
RM 861	295	32.14	Railroad spike in power pole, approximately 260 feet south on South Avenue from its intersection with Albemarle Drive, approximately 25 feet east of South Avenue northbound lane centerline.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 862	300	6.55	Railroad spike projecting from power pole approximately 36 feet west of centerline of Crosby-Lynchburg Road, approximately 1.7 miles south on Crosby-Lynchburg Road from the San Jacinto Park exit of Interstate Route 10, to Gulf Refining Company, Lynchburg Station, approximately 63 feet south of entrance to Gulf Refining Company.
RM 863	300	22.19	Chiseled square set in headwall approximately 20 feet south of centerline of Fairway Drive and approximately 28 feet east of centerline of North Decker Drive, at intersection of Fairway Drive and North Decker Drive, southeast corner of intersection, approximately 20 feet south of centerline of Fairway Drive.
RM 864	300	20.54	Chiseled square on curb, at southeast corner of intersection of Rollingbrook Drive (westbound) and Decker Drive (northbound).
RM 865	300	18.03	Chiseled X set on top of 4-inch bolt in easternmost traffic light, at T-intersection of Decker Drive and North Airhart Drive.
RM 866	300	17.48	Chiseled square on south end of median of Garth Road, at intersection of Decker Drive and Garth Road.
RM 867	300	16.35	2-inch chiseled square set on top of sewer cap, approximately 0.26 mile southwest along Market Street from its intersection with Gentry Street, to Goose Creek bridge, on south side of bridge.
RM 868	300	25.840	Disk set vertically in southeast face of Baptist Church on Bayway Drive located approximately 1,400 feet north of intersection with Shreck Avenue.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 869	300	15.29	2-inch chiseled square on top of curb approximately 4 inches above ground level, at southwest corner of intersection of State Route 201 and Kentucky Street.
RM 870	300	16.92	Brass disk in curb on northwest corner of bridge, approximately 0.67 mile west along State Route 146 from its intersection with Lee Drive, to Goose Creek bridge.
RM 871	300	13.17	Point approximately 100 yards west of intersection of Lee Drive and State Route 146, approximately 106 feet north of centerline of north lane of State Route 146, approximately 9 feet southeast of 8-inch forked tallow tree, approximately 4.2 feet southeast of southeast corner of concrete footing of oil well derrick, set in top of southeast corner of concrete foundation footing flush with ground.
RM 872	305	20.77	Chiseled square on top of curb near sewer cap on east side of Garth Road, approximately 1/16 mile on Garth Road from its intersection with Baker Road.
RM 873	305	21.98	2-inch chiseled square set on top of curb across street from bank, approximately 0.3 mile from intersection of Decker Drive and Garth Road, to First American Bank on west side of Decker Drive.
RM 874	305	29.02	1-inch chiseled square on top of curb, at northwest corner of West Texas Avenue and North Third Street intersection, approximately 10 inches above road.
RM 875	305	26.38	3-inch brass disk in concrete headwall projecting 1.5 inches above ground level on west side of Crosby-Cedar Bayou Road, approximately 330 feet on Crosby-Cedar Bayou Road from its intersection with Harden Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 876	305	23.88	Chiseled square on concrete drain pipe, approximately 0.9 mile west on Massey Tomkins Road from its intersection with State Route 146, approximately 5 feet south of power pole.
RM 877	305	19.54	2.5-inch brass disk set in concrete headwall on south side of State Route 146, approximately 1/8 mile southwest on State Route 146 from its intersection with Ferry Road.
RM 878	305	23.48	Point approximately 2.7 miles northeast along State Route 148 from intersection of East Texas Avenue, approximately 48.7 feet south of centerline of highway, approximately 85.5 feet east of centerline of private drive leading north, approximately 44 feet west of telephone pole, approximately level with road, and set in top of concrete post projecting approximately 5 inches.
RM 879	305	20.21	Railroad spike projecting approximately 1.5 inches from power pole on south side of Ferry Road, approximately 0.9 mile south on Ferry Road from its intersection with State Route 146.
RM 880	305	18.40	1-inch chiseled square on top of concrete drain pipe at southeast corner of T-intersection of Kilgore Road and Pecan Manor Road.
RM 881	305	6.52	1-inch chiseled square set on concrete bridge abutment, approximately 6 inches above road level, approximately 15 feet southwest of northeast corner of bridge, at southeast corner of intersection of Adams Street and Kilgore Road.
RM 882	305	21.05	Brass disk set in round, 8-inch concrete monument, projecting approximately 3/4 inch above ground level, at intersection of East Texas Avenue and Tri-Cities Beach Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 883	305	13.31	1-inch chiseled square set approximately 4 inches above ground on concrete yard fence, at southeast corner of East Texas Avenue and Roseland Drive T-intersection.
RM 884	305	23.69	Point on top of concrete culvert, approximately 81 feet southwest of center of intersection of West Main Street and South Alexander Drive, approximately 31 feet northwest of centerline of West Main Street.
RM 885	305	14.55	Brass disk set in concrete monument on east side of road embankment, approximately 0.75 mile south along Tri-Cities Beach Road from its intersection with East Texas Avenue, to Union Pacific Railroad, approximately 330 feet south.
RM 886	305	20.71	Brass USC&GS disk set in concrete monument on east side of Tri-Cities Beach Road, approximately 1.9 miles south along Tri-Cities Beach Road from its intersection with East Texas Avenue.
RM 889	310	84.67	Chiseled X on low beam of pipe crossing at east side of Dairy Ashford Road, approximately 125 feet south of Carvel Lane.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 890	310	87.96	Bolt in top flange of fire hydrant, between LL in name Mueller, at intersection of Bissonet Road and Dairy Ashford Road.
RM 891	310	86.96	60d nail in power pole at northwest corner of intersection of Old Richmond Road and Eldridge Road.
RM 892	310	90.25	Brass USC&GS disk in top and approximately 0.6 foot north of south end of west concrete headwall of 18-inch pipe culvert, approximately 6.2 miles south on State Route 6 from its intersection with Interstate Route 10, to station site approximately 25 feet west of centerline of State Route 6.
RM 893	315	78.31	HCFCD brass cap set at centerline of stream on west side of bridge, south on Kirkwood Road from its intersection with Carvel Lane.
RM 894	315	86.09	Railroad spike in power pole, at southwest corner of T-intersection of Bissonet and Keegans Road.
RM 895	315	84.38	60d nail in power pole, approximately 0.69 mile east from intersection of Bissonet and Kirkwood Road, to southwest corner of intersection with Exxon pipeline crossing.
RM 896	315	74.56	Chiseled X in north end of east headwall of box culvert under northbound feeder road of US Route 59, approximately 2,530 feet northeast from intersection of US Route 59 and Stancliff Creek.
RM 897	315	72.70	HCFCD brass cap set in centerline of downstream side of Roark Road bridge over Brays Bayou.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 898	315	70.85	Chiseled square in sidewalk on downstream side of Beechnut bridge over Brays Bayou.
RM 899	315	68.21	Chiseled X in curb on south side of Beechnut, at T-intersection of Beechnut and Jorine Drive.
RM 900	315	69.61	Chiseled square on northwest bank wing wall of Country Creek Road bridge over Brays Bayou.
RM 901	315	69.89	Chiseled X on north corner of US Route 59 west frontage road bridge over Brays Bayou.
RM 902	315	66.53	Chiseled square on northeast corner of Braeburn Glen Boulevard bridge over Brays Bayou.
RM 903	315	62.39	Chiseled X on northeast corner of bridge over Brays Bayou, approximately 200 feet north on Fondren Road from its intersection with South Braewood Boulevard.
RM 904	320	47.19	Southwest bolt of light standard, approximately 800 feet east on North Braeswood Boulevard from Buffalo Speedway bridge over Brays Bayou, to light standard No. 33795, on east end of bridge over unnamed tributary.
RM 905	320	49.10	HCFCD brass cap on downstream side of northbound Kirby Drive bridge over Brays Bayou.
RM 906	320	46.03	Southeast bolt on base of light standard near corner of Marinis Parking Lot, at northeast corner of intersection of North Braeswood Boulevard and South Main Street.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 907	320	53.33	Brass disk in top and approximately 1.2 feet north of south end of west concrete walkway of West Frontage Road bridge over Brays Bayou, approximately 0.54 mile south along west frontage road of West Loop Interstate Route 610 from its intersection with Beechnut, to station site approximately 21 feet west of frontage road centerline.
RM 908	320	57.39	Brass disk set in top of concrete foundation of building (Phillips 66 Service Station), approximately 1.9 feet northwest of northwest corner of building, approximately 0.05 mile south on South Post Oak Road from its intersection with West Bellfort Avenue, to station site approximately 160 feet east of South Post Oak Road centerline.
RM 909	320	67.79	Brass disk in top and approximately 1 foot northwest of southeast end of southwest concrete headwall of pipe culvert, approximately 0.2 mile northeast on US Route 90A from its intersection with Chimney Rock Road, to station site approximately 23.5 feet northwest of northwest lane centerline of US Route 59.
RM 910	320	65.31	Brass disk in top and approximately 0.9 foot north of south end of east concrete headwall of pipe culvert, at intersection of South Post Oak Road and US Route 90A, approximately 17 feet east of South Post Oak Road centerline of east lanes and approximately 63 feet southeast of US Route 90A centerline of southeast lanes.
RM 911	320	66.79	Brass disk in top and approximately 0.8 foot south of north end of west concrete headwall of concrete box culvert, at intersection of South Post Oak Road and Allum Road, approximately 21 feet west of South Post Oak Road centerline and approximately 80.5 feet south of Allum Road extended centerline.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 912	320	59.81	Brass disk set vertically in south face of south concrete foundation of large metal building, approximately 1.21 miles northeast on Holmes Road from its intersection with Hiram Clarke Street, to station site at crossing of asphalt driveway to house at 410 Holmes Road.
RM 913	320	55.99	Brass disk in top and approximately 2.6 feet southwest of northeast end of concrete foundation of former oil well motor mount, approximately 0.1 mile southwest on Holmes Road from its intersection with Kirby Drive, to station site approximately 44 feet northwest of Holmes Road centerline.
RM 914	320	49.72	Brass disk in top of center of southeast concrete wing wall of large double concrete box culvert, at intersection of Knight Road and Holmes Road, approximately 18 feet east of Knight Road centerline and approximately 60.5 feet southeast of Holmes Road centerline, approximately 1 foot east of east edge of headwall.
RM 915	320	48.60	Brass disk approximately 1 foot west of west face of concrete retaining wall, at Almeda Road overpass over Southern Pacific Railroad, in top and approximately 3.5 feet north of south end of east concrete abutment of overpass.
RM 916	320	57.619	Top of south bolt of fire hydrant at northeast corner of intersection of Mimosa Street and Chimney Rock Road.
RM 917	320	56.574	Top of south bolt of fire hydrant at southeast corner of intersection of Ferris and Beechnut Streets.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 918	325	48.54	Brass disk set in concrete monument, approximately 3 miles southwest along Southern Pacific Railroad from its intersection with M. L. King Boulevard, to station site approximately 29.8 feet northwest of northwest rail, approximately 57.5 feet southwest of centerline of driveway at 2727 Holmes Road, approximately 2 feet southwest of witness post.
RM 919	325	43.76	USC&GS brass disk set in top of concrete monument marked with witness post sign, at Southern Pacific Railroad crossing of Cullen Boulevard, approximately 25 feet southeast of southeast rail, approximately 209 feet east of Cullen Boulevard centerline.
RM 920	325	40.77	USC&GS disk set in top and approximately 1.1 feet north of south end of west headwall, at crossing of Atchison, Topeka and Santa Fe Railroad over Kuhlman Gully, at south end of railroad switch yards, approximately 8.5 feet west of west rail of main track.
RM 921	325	43.05	USC&GS brass disk set in and at west edge of foundation of semaphore 171A, at intersection of Mykawa Road and Dixie Drive, approximately 11.1 feet west of west rail (Atchison, Topeka and Santa Fe Railroad), and approximately 71 feet east of Mykawa Road centerline.
RM 922	325	37.22	Top of manhole painted white, at intersection of Jutland Road and Groveton.
RM 923	325	41.37	Chiseled X in top of curb, on median at crossover at M. L. King and Schevers.
RM 924	325	42.87	Top bolt, painted orange, on upstream side of bridge, approximately 100 feet west of intersection of Leitrim Way and Fisher Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 925	325	44.30	Painted bolt on fire hydrant, at southwest corner of intersection of Cullen Boulevard and Howcher Street.
RM 926	325	40.98	Top bolt at southwest corner of Selinsky Road bridge over Tributary 10.72 to Sims Bayou, approximately 350 feet east of Webercrest Street.
RM 927	325	43.49	Bolt on northwest corner of bridge, approximately 0.41 mile east from intersection of Martindale Road and Selinsky Road, to bridge over ditch.
RM 928	325	37.84	USC&GS brass disk set in concrete monument flush with ground, marked with witness post, approximately 1.6 miles north along Atchison, Topeka and Santa Fe Railroad from intersection of Almeda-Genoa Road and Mykawa Road, to station site approximately 33.2 feet east of east rail and approximately 41 feet north of private road (Esmco Company) centerline.
RM 929	330	31.60	USC&GS brass disk set in concrete monument, at intersection of Bellevue Street and Coleto Street, approximately 28 feet east of Bellevue Street extended centerline and approximately 187 feet north of Coleto Street centerline, approximately 1.5 feet east of west cyclone fence.
RM 930	330	27.22	USC&GS brass disk approximately 1 foot northwest of northwest end of steel portion of guardrail, approximately 0.1 mile northwest along Union Pacific Railroad from its intersection with Park Place Boulevard, directly opposite railroad bridge 7.7 over Pine Gully, in top of northeast concrete guardrail of bridge on Galveston Road, approximately 12 feet southeast of northwest end of guardrail.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 931	330	22.84	USC&GS disk approximately 16 feet southwest of southwest curb of road, at Galveston Road bridge over Berry Creek, in top and approximately 0.7 foot northwest of southeast end of southwest concrete headwall.
RM 932	330	29.36	USC&GS brass disk set in concrete monument marked with witness post, approximately 0.07 mile northwest on State Route 3 from its intersection with Winkler Road, to station site approximately 44.6 feet south of State Route 3 centerline.
RM 933	330	30.91	USC&GS disk set on top of rod protected by 6-inch diameter pipe, at intersection of College Avenue and State Route 3 in east corner of intersection, approximately 3 feet southeast of power pole and approximately 21 feet north of second power pole.
RM 934	330	27.44	USC&GS brass disk set in top of northeast concrete headwall of double-pipe culvert under State Route 3, approximately 0.4 mile southeast on State Route 3 from its intersection with College Avenue, approximately 38 feet northeast of State Route 3 centerline.
RM 935	330	34.28	USC&GS disk set in top and center of northeast concrete headwall of concrete culvert pipe and approximately 1.5 feet below level of highway, approximately 1.4 miles southeast along State Route 3 from its intersection with College Avenue, approximately 0.2 mile southeast of junction with Edgebrook Drive, approximately 58.5 feet southwest of southwest rail of Union Pacific Railroad, approximately 35 feet northeast of centerline of State Route 3, approximately 18 feet west of telephone pole.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 936	330	39.13	USC&GS brass disk set on top of northwest headwall of double box culvert, at intersection of Union Pacific Railroad and Shaver, approximately 27 feet northwest of street centerline and approximately 50 feet northeast of easternmost rail.
RM 937	330	29.74	Railroad spike in power pole No. 6724, marked with COE witness post sign, at intersection of Allen-Genoa Road and Ahrens Street, approximately 28 feet southwest of Allen-Genoa Road centerline and approximately 57 feet southeast of east corner of chain link fence.
RM 938	330	30.49	Railroad spike in power pole marked with COE witness post sign, at intersection of Allen-Genoa Road and Shamrock, approximately 31 feet southwest of Allen-Genoa Road southeast-bound center lane and approximately 21 feet north of north corner of building.
RM 939	330	30.52	Railroad spike in power pole No. 1653, marked with COE witness post sign, at intersection of Allen-Genoa Road and Allendale Road, approximately 17 feet northwest of Allendale Road westbound lane centerline and approximately 135 feet southeast of east corner of residence.
RM 940	330	30.41	Railroad spike in power pole marked with COE witness post sign, approximately 200 feet southeast on Allen-Genoa Road from its intersection with Queens Road, to station site approximately 28 feet southwest of Allen-Genoa Road centerline.
RM 941	330	32.10	Railroad spike in power pole No. 229, marked with COE witness post sign, at intersection of Allen-Genoa Road and Bonnie, approximately 32 feet southwest of Allen-Genoa Road centerline and approximately 82 feet north of east corner of home across Bonnie.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 942	330	39.30	Railroad spike in power pole marked with COE witness post sign, at intersection of Allen-Genoa Road and Crenshaw Road, approximately 30 feet northeast of intersection of two roads centerline.
RM 943	330	28.08	USC&GS brass disk set in top of west side of concrete catch basin, approximately 138 yards north on South Houston-Pasadena Road from its intersection with Queens Road, to station site approximately 25 feet west of South Houston-Pasadena Road centerline.
RM 944	330	30.67	USC&GS brass disk set in concrete post, at intersection of Avenue A and 8th Street, approximately 59 feet southwest of intersection of avenue and street centerline.
RM 945	330	29.95	USC&GS brass disk set in top of south walkway at west end of culvert bridge, at crossing of Spencer Highway over Berry Bayou, approximately 26 feet south of highway centerline.
RM 946	330	27.22	Chiseled square on southwest corner of concrete slab, at northeast corner of intersection of Galveston Road and Shaver Street, approximately 32 feet north of Harris centerline and approximately 4 feet northwest of power pole.
RM 947	330	25.16	USC&GS brass disk set in concrete monument, at intersection of South Richey Street and Elaine Avenue, approximately 91 feet west of South Richey Street centerline, approximately 158 feet south of Elaine Street.
RM 948	330	27.14	Chiseled square on top of 5-foot-diameter concrete slab, approximately 9 inches above ground, at southwest corner of intersection of West Southmore Avenue and Shaver Street, in parking lot, approximately 7 feet northwest of lamp post.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 949	330	28.74	USC&GS brass disk set in top of west side of concrete foundation of flag pole, at intersection of South Richey Street and Inwood Lane, approximately 90 feet west of South Richey Street centerline, approximately 69 feet north of Inwood Lane centerline.
RM 950	330	32.28	Railroad spike in power pole, approximately 200 feet north on Minerva Drive from its intersection with Southmore Avenue, to station site approximately 39 feet east of Minerva Drive centerline.
RM 951	330	30.86	Railroad spike in power pole No. 437, marked with COE witness post sign, approximately 135 feet west on Southmore Avenue from its intersection with Woodlock Drive, to station site approximately 28 feet north of Southmore Avenue centerline.
RM 952	335	29.98	1.5-inch bolt on east corner of traffic light support pole, at intersection of Underwood Road and North L Street.
RM 953	335	28.08	Chiseled square on culvert on east side of Underwood Road, approximately 0.5 mile south from intersection with North L Street.
RM 954	335	25.75	Chiseled square on southeast corner of traffic signal switch box, at southwest corner of intersection of Spencer Highway and Underwood Road.
RM 955	335	23.57	Chiseled square on culvert under dirt driveway on west side of Underwood Road, approximately 0.5 mile south from intersection with Spencer Highway.
RM 956	335	22.99	Railroad spike on power pole on south side of Fairmont Parkway, approximately 1.2 miles east from intersection with Red Bluff Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 957	335	24.60	Chiseled square on northeast corner of Fairmont Parkway bridge over Spring Gully, approximately 1.6 miles east from intersection with Red Bluff Road.
RM 958	335	23.79	Chiseled square on culvert, at southwest corner of intersection of Fairmont Parkway and Underwood Road.
RM 959	335	28.25	Chiseled square at top of northwest corner of Willow Spring Bayou bridge on Pasadena Boulevard.
RM 960	335	30.27	Railroad spike projecting from power pole No. 137, approximately 0.8 mile west of Underwood Road and power line crossing approximately 0.8 mile north of Pasadena Boulevard.
RM 961	335	30.76	Railroad spike projecting from power pole No. 144, approximately 0.4 mile west of Underwood Road and power line crossing approximately 0.8 mile north of Pasadena Boulevard.
RM 962	335	30.42	Railroad spike projecting from power pole on south side of State Route 225, approximately 0.8 mile west of intersection with Underwood Road.
RM 963	335	24.17	Railroad spike projecting from power pole on north side of Spencer Highway, approximately 0.9 mile west of intersection with Underwood Road.
RM 964	335	32.34	Railroad spike in power pole approximately 100 feet west on Southmore Avenue from its intersection with Burke Road, to station site approximately 28 feet north of Southmore Avenue centerline.
RM 965	335	33.19	Railroad spike in power pole No. 1282, at intersection of London Street and Southmore Avenue, in northeast corner of intersection, approximately 29 feet east of London Street centerline.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 966	335	35.36	Railroad spike in power pole No. 2305 marked with COE witness post sign, approximately 0.2 mile north on Preston Avenue from its intersection with Cherrybrook Lane, to station site approximately 28 feet east of Preston Avenue centerline.
RM 967	335	30.72	Railroad spike in power pole marked with COE witness post sign, at northeast corner of intersection of Spencer Highway and access road to Beltway 8, approximately 54 feet northeast of intersection.
RM 968	335	25.56	USC&GS bronze disk set in top of concrete post projecting approximately 3 inches above ground, approximately 5.55 miles east along Spencer Highway from Union Pacific Railroad station in South Houston, to station site approximately 1,200 feet west of centerline of Trebor Street, approximately 50 feet south of centerline of highway, and approximately 103 feet west of telephone pole.
RM 969	335	29.24	Chiseled square set in curb approximately 8 inches above road, approximately 370 feet south on Red Bluff Road from its intersection with Spencer Highway, to station site approximately 30 feet west of centerline of road median and approximately 42 feet south of end of curbing at driveway, at U. S. Army Recruiting Station.
RM 970	335	25.38	USC&GS disk set in concrete approximately 10 inches above ground level, at northeast corner of intersection of Red Bluff Road and Fairmont Parkway.
RM 971	335	22.16	Chiseled square in bridge abutment on west side of Red Bluff Road over Willow Springs Bayou, approximately 0.6 mile north on Red Bluff Road from its intersection with Genoa Red Bluff Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 972	340	25.04	Disk set in southeast end of southwest concrete abutment, approximately 16 feet southeast of centerline of State Route 146, at southwest end of overpass at intersection with State Route 225.
RM 973	340	21.39	Chiseled square on southwest corner on south side of Fairmont Parkway bridge over Big Island Slough, approximately 2.8 miles east from intersection with Red Bluff Road.
RM 974	340	25.21	Disk set in concrete post, approximately 3 feet east of gas meter, approximately 51 feet west of west lane of State Route 146, approximately 2.1 miles northwest from elementary school in La Porte.
RM 975	340	19.78	Chiseled square on culvert at southeast corner of intersection of West Barbours Cut Boulevard and North 16th Street.
RM 976	340	20.29	Chiseled square on west end of center median on East Main Street, at intersection with 9th Street.
RM 977	340	20.05	Chiseled X on bolt of fire hydrant on east side of 16th Street, approximately 0.3 mile north of intersection with Fairmont Parkway.
RM 978	340	14.23	Chiseled square on headwall of Cedar Bay Bridge over Little Cedar Bayou, on southwest side of Fairmont Parkway, approximately 0.6 mile west from intersection with Broadway Street.
RM 979	340	15.78	USC&GS disk set in concrete at base of support side at northeast corner of intersection of Broadway Street and Fairmont Parkway.
RM 980	340	13.94	USC&GS disk set in concrete on northeast corner of Cedar Bayou Bridge over Little Cedar Bayou, approximately 0.3 mile north on Old State Route 146 from intersection with South R Street.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 982	345	19.01	Brass disk set in concrete headwall on west side of road, approximately 830 feet north on Tri-Cities Beach Road from its intersection with Cedar Bayou Lake Drive.
RM 983	345	3.61	USC&GS brass disk set in top of concrete headwall approximately 1 foot above road level, approximately 1.05 miles east along East Texas Avenue, approximately 3.15 miles southeast along Tri-Cities Beach Road, approximately 176 feet north of centerline of private drive leading west, approximately 18 feet east of centerline of Tri-Cities Beach Road.
RM 984	345	15.32	USC&GS brass disk set in top of concrete post, approximately 4.15 miles southeast along Tri-Cities Beach Road from its intersection with Gaillard Street, approximately 0.2 mile east of east end of drawbridge over Cedar Bayou, at top of small hill, approximately 44 feet north of centerline of Tri-Cities Beach Road.
RM 985	350	71.80	USC&GS disk set horizontally in north end of east headwall of large concrete culvert under dirt road, approximately 0.95 mile east on US Route 90A from high school in Missouri City, to station site approximately 36 feet south of centerline of south lane of US Route 90A and approximately 21 feet east of dirt road centerline.
RM 986	350	68.71	Brass disk set horizontally in north end of east headwall of concrete culvert under road, at intersection of US Route 90A and Settlemont Road, approximately 48 feet south of centerline of south lane of US Route 90A and approximately 14 feet east of Settlemont Road centerline.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 987	355	62.55	Brass disk set in top and approximately 0.8 foot north of south end of west concrete headwall of concrete box culvert, approximately 0.08 mile north on South Post Oak Road from its intersection with West Orem Drive, to station site approximately 20.5 feet west of South Post Oak Road centerline.
RM 988	355	60.57	USC&GS disk set in concrete monument, at southeast corner of T-intersection of Park Manor Road and Anderson Road.
RM 989	355	69.87	Railroad spike in telephone pole on north side of Anderson Road, approximately 49.3 feet west on Anderson Road from its intersection with White Heather Drive.
RM 990	355	57.14	Bronze disk set in west end of concrete headwall on north side of Anderson Road, approximately 0.5 mile west on Anderson Road from its intersection with Almeda Road.
RM 991	355	56.88	Railroad spike in telephone pole on north side of Anderson Road, approximately 29.3 feet west on Anderson Road from its intersection with Insley.
RM 992	355	59.43	Brass disk set flush with concrete walkway in front of building, approximately 113 feet south on Almeda Road from its intersection with Anderson Road, to station site at building address 13815 Almeda Road.
RM 993	355	55.60	Chiseled X on west side of concrete headwall, at southeast corner of intersection of Almeda Road and Almeda-Genoa Road.
RM 994	355	55.67	USC&GS disk in concrete headwall south of centerline of Almeda-Genoa Road, approximately 0.4 mile east on Almeda-Genoa Road from its intersection with Almeda Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 995	355	56.60	Railroad spike in west side of telephone pole on south side of Almeda-Genoa Road, approximately 0.9 mile east on Almeda-Genoa Road from its intersection with Almeda Road.
RM 996	355	58.34	Railroad spike approximately 1.2 feet above ground, in telephone pole marked with COE witness post sign, at intersection of Anderson Road and South Post Oak Road, approximately 33 feet south of Anderson Road centerline and approximately 35.5 feet west of South Post Oak Road centerline.
RM 997	355	63.90	Railroad spike approximately 1 foot above ground in telephone pole marked by COE witness post sign, at intersection of South Post Oak Road and Arthington Avenue, approximately 58.5 feet west of South Post Oak Road centerline and approximately 16 feet north of Arthington Avenue centerline.
RM 998	355	70.06	Railroad spike in north side of telephone pole, at south corner of T-intersection of FM 2234 and South Post Oak Road.
RM 999	355	66.40	Railroad spike in north side of telephone pole on south side of FM 2234, approximately 1.8 miles west on FM 2234 from its intersection with Almeda Road.
RM 1000	355	62.98	Railroad spike in north side of power pole approximately 1.2 feet above ground, approximately 0.7 mile west from intersection of Almeda Road and FM 2234, to station site in front of Houston Heat Exchange, Incorporated building approximately 48 feet south of centerline of FM 2234 and approximately 32.5 feet west of centerline of dirt road to Houston Heat Exchange, Incorporated.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 1001	355	59.12	Railroad spike in south side of power pole on north side of Fellows Road, approximately 0.25 mile east on Fellows Road from its intersection with Almeda Road.
RM 1002	355	59.78	Railroad spike in north side of power pole, at southeast corner of intersection of Labrador Road and Fellows Road.
RM 1003	355	60.92	Railroad spike in north side of power pole, at southwest corner of intersection of Hooper Road and Fellows Road.
RM 1004	355	61.07	Railroad spike in south side of power pole on north side of Fellows Road, approximately 1.9 miles east on Fellows Road from its intersection with Almeda Road.
RM 1005	355	60.65	USC&GS bronze disk set in west side of concrete headwall, at northeast corner of T-intersection of White Road and Almeda Road.
RM 1006	360	45.34	National Geodetic Survey brass disk encased in iron pipe, approximately 4 inches underground, marked with witness post, at intersection of Mykawa Road and Carson Road, approximately 35 feet east of Mykawa Road centerline and approximately 25 feet north of Carson Road extended centerline.
RM 1007	360	57.71	Railroad spike in south side of power pole, at easternmost corner of intersection of Fellows Road and McGrath.
RM 1008	360	54.97	Railroad spike in north side of power pole, at northwest corner of T-intersection of Fellows Road and Furman Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 1009	360	56.94	Railroad spike in telephone pole marked with COE witness post sign, at intersection of Almeda-Genoa Road and Scott Street, approximately 27.6 feet south of Almeda-Genoa Road centerline, and approximately 34.2 feet east of Scott Street centerline.
RM 1010	360	55.58	Railroad spike in wooden corner fence post marked with COE witness post sign, approximately 3.6 miles west on Schurmier Road from its intersection with Mykawa Road, to station site approximately 32.5 feet south of Schurmier Road centerline.
RM 1011	360	55.53	Railroad spike in telephone pole marked with COE witness post sign, at intersection of Almeda-Genoa Road and Cullen Boulevard, approximately 46.6 feet south of Almeda-Genoa Road centerline, approximately 255 feet east of Cullen Boulevard east edge.
RM 1012	360	54.65	Railroad spike in telephone pole marked with COE witness post sign, at intersection of Almeda-Genoa Road and Pembroke, approximately 47.2 feet north of Almeda-Genoa Road centerline, approximately 29.3 feet east of Pembroke centerline.
RM 1013	360	49.69	Brass disk set flush in concrete headwall, approximately 0.1 mile west on Swingle Road from its intersection with Almeda-Genoa Road, to station site approximately 12.7 feet north of Swingle Road centerline.
RM 1014	360	55.38	Railroad spike in utility pole No. 43852 marked with COE witness post sign, at intersection of Schurmier Road and Cottingham, approximately 19 feet west of Cottingham centerline and approximately 28 feet south of Schurmier Road centerline.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 1015	360	51.20	Railroad spike in utility pole marked with COE witness post sign, approximately 1.9 miles west on Schurmier Road from its intersection with Mykawa Road, to station site approximately 26.2 feet north of Schurmier Road centerline.
RM 1016	360	46.49	Disk in concrete headwall, approximately 19.8 feet southwest of northeast corner of headwall, approximately 2.7 miles west on Almeda-Genoa Road from its intersection with State Route 35, to Kier Street (dirt road), approximately 19 feet south of centerline of Almeda-Genoa Road and approximately 12.7 feet east of centerline of Kier Street, approximately 19.8 feet southwest of northeast corner of headwall, approximately 21 feet east of another headwall on southwest corner of intersection.
RM 1017	360	51.51	Disk set in concrete headwall, approximately 2.1 miles west on Almeda-Genoa Road from its intersection with State Route 35, to station site approximately 14.5 feet south of centerline of Almeda-Genoa Road, approximately 31.5 feet west of Bell Telephone System manhole cover, approximately 20.8 feet northeast of telephone pole, and approximately 17.7 feet east of west end of headwall.
RM 1018	360	49.76	Brass disk set in concrete monument approximately 3 inches above ground, at intersection of Almeda-Genoa Road and Mykawa Road, approximately 61.2 feet south of Almeda-Genoa Road centerline and approximately 38.7 feet east of Mykawa Road centerline.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 1019	360	49.76	Disk in concrete headwall approximately 43.3 feet northwest of telephone pole, approximately 14.3 feet south of centerline of Almeda-Genoa Road and approximately 24.8 feet west of centerline of Forbes Road, approximately 35.1 feet northeast of corner fence post, and approximately 8.8 feet east of west corner of headwall.
RM 1020	360	47.76	Disk approximately 1 foot west of northeast bridge corner, approximately 1.8 miles south on Mykawa Road from its intersection with Almeda-Genoa Road, to station site on northeast corner of Mykawa Road bridge over Clear Creek, approximately 84.1 feet north of HCFCD disk on southeast corner of bridge, and approximately 23.6 feet east of northwest corner of bridge.
RM 1021	360	48.28	Disk in concrete pillar approximately 29.7 feet west of tombstone, approximately 0.2 mile west on Halik from its intersection with State Route 35, to station site approximately 32.3 feet east of easternmost rail of Atchison, Topeka and Santa Fe Railway tracks, approximately 11.4 feet northeast of telephone pole, and approximately 2.5 feet southeast of witness post.
RM 1022	365	50.47	Disk set in top of center of north concrete headwall of culvert under road, at intersection of State Route 35 and Almeda-Genoa Road, approximately 37 feet east of centerline of State Route 35, approximately 27 feet north of centerline of road.
RM 1023	365	48.02	Disk in top of west end of north concrete headwall of large, double-channel culvert under road, approximately 16 feet north of centerline of Almeda-Genoa Road from its intersection with Monroe Road, approximately 3 feet east of west end of headwall.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 1024	365	44.89	Brass disk set in concrete monument, approximately 1.3 miles west on Almeda-Genoa Road from its intersection with Interstate Route 45 and US Route 75, to station site approximately 33 feet south of Almeda-Genoa Road centerline, and approximately 31 feet east of private drive centerline.
RM 1025	365	45.01	Metal disk set in metal pipe approximately 4 feet northeast of fence corner, approximately 52 feet east of centerline of State Route 35 and 29 feet south of centerline of Hall Road from intersection of State Route 35 and Hall Road, approximately 1.7 feet east of metal pole, and approximately 17.8 feet southeast of east corner of south headwall.
RM 1026	365	44.66	Railroad spike projecting approximately 2 inches from north side of pole, approximately 1.65 miles west on Hall Road from its intersection with Kingspoint Road, to power pole on south side of Hall Road, approximately 16 inches above ground.
RM 1027	365	41.52	2-inch chiseled square on south edge of east culvert under Hall Road between two lanes, approximately 1.11 miles west on Hall Road from its intersection with Kingspoint Road, to intersection with two dirt lanes.
RM 1028	365	43.17	2-inch chiseled square at northwest end of culvert under lane, approximately 0.16 mile northwest on Hall Road from its intersection with Kingspoint Road, to intersection with dirt lane.
RM 1029	365	39.66	Chiseled square on curb on south side of Mango Drive, approximately 102 feet west on Mango Drive from its intersection with Stover Road.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 1030	365	38.33	Chiseled square approximately 126 feet east of east bank of Halls Road Ditch, set in curb over drain at intersection of Stover Road and Fuqua.
RM 1031	365	41.89	Chiseled square on south end of median on Fuqua, at intersection of Kingspoint Road and Fuqua.
RM 1032	365	34.13	Chiseled square on headwall at west corner of T-intersection of Hall Road and Beamer Road.
RM 1033	365	36.31	Chiseled square on top of concrete sewer inlet at west corner of intersection of Sagebluff Drive and Hall Road.
RM 1034	365	32.87	Chiseled square on top of curb at east corner of intersection of Beamer Road and Hughes Road.
RM 1035	365	36.45	Railroad spike in power pole on east side of Beamer Road, approximately 0.21 mile southeast on Beamer Road from its intersection with Hughes Road.
RM 1036	365	31.64	Chiseled square in curb on south side of Hughes Road, approximately 0.13 mile southwest on Hughes Road from its intersection with South Belt Freeway.
RM 1037	365	30.00	Chiseled square on curb, approximately 120 feet southeast of centerline of Sagedowne Lane, at intersection of Sageglen Drive and Sagedowne Lane, at dead end of Sageglen Drive, and approximately 24 feet from centerline of northernmost lane of Sageglen Drive.
RM 1038	365	33.30	Chiseled square on east side of Sagedowne Lane, approximately 0.4 mile northeast on Sagedowne Lane from its intersection with Sageglen Drive.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 1039	365	29.36	Chiseled square on curb on south side of Interstate Route 45 feeder road, approximately 1 mile southeast on Interstate Route 45 feeder road from its intersection with South Belt Freeway.
RM 1040	365	30.32	Chiseled square on curb on north side of Interstate Route 45 feeder road, approximately 1.4 miles southeast on Interstate Route 45 feeder road from its intersection with South Belt Freeeway.
RM 1041	365	42.52	Chiseled square on headwall over culvert, at Kingspoint Road across street from Almeda Mall, approximately 33 feet south of centerline of Kingspoint Road, and approximately 12 feet south of fire hydrant.
RM 1042	365	42.52	Disk approximately 35 feet east of centerline of road, approximately 0.1 mile south on Almeda-Genoa Road from port office at Genoa, approximately 90 feet east of and across road from southeast corner of brick house No. 11034, approximately 32 feet north of centerline of Palmsprings road, approximately 4 feet north of telephone pole, approximately 1.5 feet south of metal witness post, and set in top of concrete post.
RM 1043	365	41.67	Chiseled square in concrete culvert on centerline of Mace Road, approximately 106 feet south on Mace Road from its intersection with Almeda-Genoa Road.
RM 1044	365	41.78	Disk on top of concrete culvert at southeast corner of intersection of Almeda-Genoa Road and Gulfpalms Road.
RM 1045	365	41.42	Railroad spike projecting approximately 3 inches from power pole on north side of Almeda-Genoa Road, approximately 0.44 mile west on Almeda-Genoa Road from its intersection with State Route 3.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 1046	365	43.43	Top of southeast side of large, round, abandoned concrete foundation of railroad water tank, approximately 373 feet northwest on Union Pacific Railroad from its intersection with Fuqua, approximately 30 feet southwest of southwest rail of main track of railroad.
RM 1047	370	32.33	Railroad spike projecting approximately 4 inches from south side of power pole, at intersection of Ellington Field Road and Genoa-Red Bluff Road, station site located approximately 40 feet southwest from center of intersection, approximately 20 feet southwest from west end of culvert under driveway.
RM 1048	370	33.17	Railroad spike projecting approximately 3 inches from south side of power pole, approximately 0.87 mile east on Genoa-Red Bluff Road from its intersection with Ellington Field Road, to dirt driveway, station site located approximately 30 feet northeast of center of intersection, approximately 4 feet northeast of east end of culvert under driveway.
RM 1049	370	21.93	2-inch chiseled square at top of west end of culvert under field lane, approximately 2.1 miles east on Genoa-Red Bluff Road from its intersection with Ellington Field Road, to intersection of Cenoa-Red Bluff Road and grass field lane, station site located approximately 25 feet northeast of centerline of Genoa-Red Bluff Road, and approximately 10 feet northeast of west gate post of fence.
RM 1050	370	32.87	Chiseled square on top of headwall on east side of Ellington Field Road, approximately 0.7 mile south on Ellington Field Road from its intersection with Genoa-Red Bluff Road to gate.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 1051	370	19.38	Metal rod approximately 30 feet southeast of metal post, approximately 1 mile northeast on Exxon Corridor Pipeline from southeast corner of Ellington Air Force Base, approximately 68 feet northeast of metal post.
RM 1052	370	22.88	Bolt on gas pipeline painted orange, approximately 7 feet south of steel pipe, approximately 0.47 mile south on El Dorado Boulevard from its intersection with Choate Road, to steel gate on left (approximately 75 yards from road), north up dirt road approximately 0.65 mile to dirt trail, southwest approximately 0.02 mile.
RM 1053	370	22.96	Chiseled square on curb approximately 6 inches above ground level on west side of El Dorado Boulevard, approximately 1 mile north on El Dorado Boulevard from its intersection with Brook Forest Drive.
RM 1054	370	32.39	Disk set in top and one foot east of south concrete foundation of door well, approximately 22.3 feet east of southwest corner of hangar, approximately 1.3 mile north on Brantley Avenue from its intersection with State Route 3 at Ellington Air Force Base.
RM 1055	370	30.03	Point approximately 197 feet west of southwest corner of northernmost of three control towers, at center of east headwall of concrete culvert under Brantley Avenue, approximately 2.5 miles southeast on State Route 3 from its intersection with Genoa-Red Bluff Road, approximately 0.86 mile north along Brantley Avenue.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 1056	370	35.38	Disk set in center of culvert, at southeast corner of intersection of FM 1959 and State Route 3, approximately 16 feet south of centerline of southern entrance lane to Ellington Air Force Base, approximately 85 feet northeast of centerline of State Route 3 and approximately 11 feet southwest of westernmost rail of Galveston, Houston and Henderson Railroad.
RM 1057	370	24.92	Chiseled square on top of headwall, at south corner of intersection of FM 1959 and State Route 3.
RM 1058	370	28.49	Disk set in culvert approximately 20 feet northwest of centerline of Brantley Avenue and approximately 55 feet northeast of centerline of State Route 3, approximately 0.66 mile southeast on State Route 3 from its intersection with FM 1959, at entrance to Ellington Air Force Base.
RM 1059	370	27.67	Railroad spike projecting from power pole on northeast side of State Route 3, approximately 0.65 mile northwest on State Route 3 from its intersection with FM 2351.
RM 1060	370	25.70	Disk on top of culvert on northeast side of State Route 3, approximately 1.72 mile southeast on State Route 3 from its intersection with FM 1959, to bridge over Tributary 5.80 to Horsepen Bayou.
RM 1061	370	25.77	Disk on top of culvert on southwest side of State Route 3, approximately 0.64 mile southeast on State Route 3 from its intersection with FM 2351.
RM 1062	370	20.44	Chiseled square on southbound lane of El Dorado Boulevard on southwest end of bridge over Horsepen Bayou, approximately 0.05 mile southwest on El Dorado Boulevard from its intersection with Brook Forest Drive.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 1063	370	19.74	Chiseled square on storm drain on north side of Bay Area Boulevard, approximately 0.25 mile northeast on Bay Area Boulevard from its intersection with Space Center Boulevard.
RM 1064	370	19.20	Chiseled square on top of storm drain approximately 8 inches above street level, at southwest corner of intersection of Bay Area Boulevard and Space Center Boulevard.
RM 1065	370	19.45	Chiseled square on top of culvert on south side of Genoa-Red Bluff Road, approximately 5.4 miles east on Genoa-Red Bluff Road from its intersection with State Route 3.
RM 1066	370	17.65	Chiseled square on top of catch basin on southwest side of Red Bluff Road, approximately 200 feet southeast on Red Bluff Road from its intersection with Genoa-Red Bluff Road.
RM 1067	370	15.10	Chiseled square on top of catch basin on southwest side of Red Bluff Road, approximately 0.6 mile southeast on Red Bluff Road from its intersection with Genoa-Red Bluff Road.
RM 1068	370	12.62	Chiseled square on top of curb of southbound lane of Red Bluff Road, approximately 1.1 miles southeast on Red Bluff Road from its intersection with Genoa-Red Bluff Road.
RM 1069	375	10.80	Chiseled square on top of east headwall of bridge on east side of Old State Route 146, approximately 0.1 mile south on Old State Route 146 from its intersection with McCabe Road.
RM 1070	375	6.434	Chiseled square on top of culvert headwall on east side of northbound lane of State Route 146, approximately 0.09 mile south of intersection with Shoreacres Boulevard.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 1071	375	10.69	Chiseled square on westernmost curb of southbound lane of Red Bluff Road, approximately 4.2 miles southeast on Red Bluff Road from its intersection with Genoa-Red Bluff Road.
RM 1072	375	13.72	Chiseled square on northwest corner of westbound lane of bridge, approximately 0.7 mile west on Bay Area Boulevard from its intersection with Port Road, to short bridge.
RM 1073	375	8.66	Chiseled square on top of catch basin on southwest side of Red Bluff Road, approximately 0.6 mile southeast on Red Bluff Road from its intersection with Bay Area Boulevard.
RM 1074	375	10.35	Chiseled square on top of curb, at southwest corner of intersection of Red Bluff Road and Kirby Road.
RM 1075	375	12.55	Chiseled square on southwest corner of Port Road bridge over Taylor Bayou.
RM 1076	375	12.77	Chiseled square on top of double catch basin on north side of westbound lane of Bay Area Boulevard, approximately 0.6 mile southwest on Bay Area Boulevard from its intersection with Red Bluff Road.
RM 1077	375	10.09	Chiseled square on top of catch basin at west corner of intersection of Red Bluff Road and Bay Area Boulevard.
RM 1078	375	11.407	Chiseled square on top of culvert headwall on east side of State Route 146, approximately 0.13 mile north on State Route 146 from its intersection with Red Bluff Road.
RM 1079	375	13.474	Bronze disk on rebar inside steel pipe on south side of Red Bluff Road, approximately 0.15 mile west on Red Bluff Road from its intersection with State Route 146.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 1080	375	13.383	Railroad spike projecting approximately 2.5 inches from power pole on east side of Red Bluff Road, approximately 1.28 miles west on Red Bluff Road from its intersection with Todville Road.
RM 1081	375	13.958	Bronze disk on concrete monument approximately 3 inches above ground level on south side of Red Bluff Road, approximately 0.56 mile west on Red Bluff Road from its intersection with Todville Road.
RM 1082	375	9.996	Chiseled square on culvert pipe at north corner of intersection of Red Bluff Road and Todville Road.
RM 1083	375	17.959	Railroad spike projecting approximately 5 inches from power pole on east side of State Route 146, approximately 0.96 mile north on State Route 146 from its intersection with NASA Road.
RM 1084	380	33.09	Chiseled square in top of culvert at southeast corner of intersection of Melody Lane and Winding Road.
RM 1085	380	30.27	Chiseled square on top of culvert under driveway on southwest side of Melody Lane, approximately 0.24 mile southeast on Melody Lane from its intersection with Winding Road, to dirt driveway.
RM 1086	380	26.58	Bronze disk on top of concrete railing at northeast end of bridge on FM 2351, approximately 2,650 feet northeast on FM 2351 from its intersection with Melody Lane, at Clear Creek bridge.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 1087	380	28.65	USC&GS bench mark disk, approximately 4.95 miles northeast along FM 528 from junction of State Route 35 (business route) at Alvin, at power line transformer station, approximately 94.5 feet west of north corner of chain link fence, approximately 126.5 feet north of west corner of chain link fence, approximately 48 feet southeast of centerline of road, approximately 68 feet northeast of centerline of road to transformer station, approximately 45 feet northwest of northwest side of chain link fence, set in top of concrete post flush with ground, and approximately level with road.
RM 1088	385	30.52	Chiseled square on southwest end of culvert, approximately 0.82 mile northeast on FM 2351 from its intersection with Blackhawk Boulevard, approximately 53 feet southeast of centerline of intersection of FM 2351 and driveway, approximately 110 feet southeast of power pole.
RM 1089	385	33.10	2-inch chiseled square on top of culvert, at northwest corner of T-intersection of Rex Road and Beamer Road.
RM 1090	385	33.71	Railroad spike projecting approximately 2 inches from power pole on southeast side of Rex Road, approximately 0.48 mile southwest on Rex Road from its intersection with Beamer Road.
RM 1091	385	31.12	Disk approximately 190 feet northeast of northeast end of circular drive to large brick house, approximately 1.65 miles southwest on Bay Area Boulevard (Friendswood Link Road) from its intersection with North Texas Avenue, approximately 106.8 feet northeast of power pole, approximately 69.8 feet southeast from fence corner, approximately 38 feet southeast of centerline of Friendswood Link Road, approximately 1.2 feet northwest of fence, set in top of concrete post.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 1092	385	28.28	Chiseled square in east end of bridge on south side of Bay Area Boulevard, approximately 0.15 mile southwest on Friendswood Link Road from its intersection with Pilgrim's Point Drive.
RM 1093	385	25.37	USC&GS disk on top of north headwall of culvert on north side of Friendswood Link Road, approximately 2.08 mile southwest on Friendswood Link Drive from its intersection with Interstate Route 45.
RM 1094	385	24.61	Chiseled square on south end of median on Blackhawk Boulevard at intersection of Blackhawk Boulevard and FM 528.
RM 1095	385	22.88	Chiseled square on south end of median on Bay Area Boulevard, at intersection of Bay Area Boulevard and FM 528.
RM 1096	385	20.73	Chiseled square on headwall of spoil bank culvert on north side of FM 528, approximately 0.47 mile east on FM 528 from its intersection with Bay Area Boulevard.
RM 1097	385	24.95	Bronze COE disk on top of bridge railing on northwest side of FM 528, approximately 3.14 miles southwest on FM 528 from its intersection with Interstate Route 45, at Clear Creek bridge.
RM 1098	385	21.55	Chiseled square in curb on southwest side of Interstate Route 45 access road, approximately 2.2 mile southeast on Interstate Route 45 access road from its intersection with FM 2351.
RM 1099	385	20.22	Railroad spike in power pole approximately 0.15 foot above ground and approximately 3 feet, 7 inches below witness post, at intersection of NASA Road and Interstate Route 45, at southbound access road of Interstate Route 45 and exit ramp for eastbound traffic for NASA Road, in center of intersection, approximately 42 feet east of centerline of exit ramp.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 1100	385	27.43	National Geodetic Survey disk on top of culvert flush with ground, at northwest corner of intersection of State Route 3 and Bay Area Boulevard.
RM 1101	385	24.94	Chiseled square in north corner of culvert on south side of Interstate Route 45, approximately 2.7 miles southeast on Interstate Route 45 from its intersection with FM 2351.
RM 1102	385	24.84	USC&GS disk approximately 0.6 foot northwest of southeast end of southwest headwall of culvert, at intersection of Medical Center Boulevard and Texas Avenue.
RM 1103	385	22.78	Bronze USC&GS disk on top of headwall of culvert, approximately 1.8 feet above ground level, at southeast corner of intersection of State Route 3 and West NASA Road.
RM 1104	385	20.49	Chiseled square in curb on south side of Interstate Route 45, approximately 3.2 miles southeast on Interstate Route 45 from its intersection with FM 2351.
RM 1105	385	23.42	Railroad spike projecting approximately 3 inches from power pole, at south corner of intersection of West NASA Road and Texas Avenue.
RM 1106	385	19.16	Railroad spike projecting approximately 4 inches from power pole on east side of State Route 3, approximately 0.51 mile southeast on State Route 3 from its intersection with West NASA Road.
RM 1107	385	21.84	Railroad spike projecting from power pole, approximately 72 feet southwest of centerline of intersection of FM 528 and West NASA Road, approximately 21 feet northwest of corner fence post.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 1108	385	15.12	Chiseled square on top of culvert, approximately 11 inches above ground level on east side of State Route 3, approximately 1 mile south on State Route 3 from its intersection with West NASA Road.
RM 1109	385	18.39	Chiseled square on drain culvert approximately 8 inches above street level, at northwest corner of intersection of Bay Area Boulevard and Buccaneer Lane.
RM 1110	385	20.60	Chiseled square on top of curb on southeast side of Bay Area Boulevard, approximately 0.53 mile northeast on Bay Area Boulevard from its intersection with State Route 3.
RM 1111	385	18.01	Chiseled square on top of curb on southernmost corner of bridge over Cow Bayou, approximately 0.62 mile southeast on El Camino Real Boulevard from its intersection with Bay Area Boulevard.
RM 1112	385	16.79	Chiseled square on western headwall of culvert under road leading to NASA Bay Motor Inn, approximately 1.52 miles east on Webster Seabrook Road from its intersection with State Route 3.
RM 1113	385	16.85	Chiseled X in southernmost bonnet bolt of fire hydrant, on south side of West NASA Road, approximately 0.98 mile east on West NASA Road from bridge over Cow Bayou.
RM 1114	390	14.75	Chiseled X on top of northernmost bonnet bolt on fire hydrant, approximately 22 inches above ground, at east corner of T-intersection of Webster Seabrook Road and Lagoon Drive.
RM 1115	390	15.21	Railroad spike on power pole on south side of NASA Road, approximately 4 miles east from intersection with State Route 3.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 1116	390	3.69	Railroad spike on power pole on south side of NASA Road, approximately 4.4 miles east from intersection with State Route 3.
RM 1117	390	13.264	Disk set in top of rod, approximately 62 feet west of centerline of Lake Shore Drive from point approximately 169 feet north of centerline of NASA Road.
RM 1118	390	8.127	Railroad spike projecting approximately 2.5 inches from power pole on south side of NASA Road, approximately 1.35 miles west on NASA Road from its intersection with State Route 146.
RM 1119	390	10.892	Chiseled square on culvert approximately 6 inches above ground on south side of NASA Road, approximately 0.87 mile on NASA Road from its intersection with State Route 146.
RM 1120	390	11.247	Disk on top of curb on northeast end of bridge, approximately 10 inches above road level, approximately 0.87 mile NASA Road from its intersection with State Route 146.
RM 1121	390	3.658	Railroad spike projecting approximately 3 inches from power pole on west side of State Route 146, approximately 0.5 mile south on State Route 146 from its intersection with NASA Road.
RM 1122	395	37.95	USC&GS bench mark disk, approximately 2.2 miles northeast along FM 528 from junction of State Route 35 (business route), at Alvin, approximately 0.15 mile east to Channel 8 KUTV transmission tower, inside 3 legs of 1,202-foot high steel tower, approximately 1 foot east of west leg of tower, approximately 40 feet southeast of transmitter building, set in top of foundation approximately 0.5 feet above concrete apron around tower and building.

EXHIBIT 3 - ELEVATION REFERENCE MARKS - continued

Reference Mark	FIRM Panel	Elevation (Feet NGVD)	Description of Location
RM 1123	395	35.93	USC&GS bench mark disk, approximately 3 miles northeast along FM 528 from junction of State Route 35 (business route), at Alvin, approximately 49 feet east of centerline of road, approximately 171.5 feet north of power pole with transformer, approximately 69.5 feet north of north gate post of access gate to pumping station, approximately 1.5 feet west of fence, approximately 0.7 feet south of witness post, set in top of concrete post projecting approximately 0.2 foot above ground, and approximately 2 feet lower than road.